This drawing, specifications, and concepts contained herein are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. 158.00 o D o D CUT TO [-209] FIT 54.75 -209 CUT TO -211 (-215) <-227 € -217 (-219) 8X 8X o lo -75 (-187 53.00 51.94 **(**-225) -221 (-223) 47.06 SECTION A-A **SECTION B-B** -21 88.25 NOTES: (-179) 1. TROLLEY FRAME IS BUILT AS A UNIT, 24X 48X 24X SHIPPED IN THREE SECTIONS, AND (-181)(-183) -193 ( -195 ( -197 <del>)</del> -57 CUSTOMER ASSEMBLED. 20X 40X 20X -201 (-203 2. REF. AGUSTA T/N: 3G5305G00232 -37 -193 (-195 (-197 DART (-185) TAIL BOOM TRANSPORT TROLLEY (-189)8X (-191)(-199)(-213) (-189)8X RBW5305G00232-3G -191 -205 12X 12X 12X -191)(-207) (-191)(-199)(-213) PERRITT UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

X ± .005 FRACTIONS ± 1/8
‡ .01 ANGLES ±.5° APPROVED 12X 12X 12X D Weil 8X 2X .XXX ± .005 .XX ± .01 .X ± .1 

ASSY ASSY QTY QTY	ASSY QTY	ASSY QTY	SSY A	SSY/ QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	В/О	PART#	UNIT	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	E
								X		-1	1	FRAME WELDMENT			
								2		-3A		FRONT SIDE RAIL	STEEL SQ. TUBE	.120 wall x 3 x 3 x 47-1/8	
								2		-3B		CENTER SIDE RAIL	STEEL SQ. TUBE	.120 wall x 3 x 3 x 53-1/8	
								2	П	-3C		REAR SIDE RAIL	STEEL SQ. TUBE	.120 wall x 3 x 3 x 52	
								2	$\Box$	-5		END RAIL	STEEL SQ. TUBE	.120 wall x 3 x 3 x 54-3/4	-
								1	H	-7A		REAR CROSS BRACE, FORMED CHANNEL	A36	11ga. x 9-1/2 x 48-7/8	-+
								H	$\vdash$					-	$\rightarrow$
								1	$\vdash$	-7B		FRONT CROSS BRACE, FORMED CHANNEL	A36	11ga. x 9-1/2 x 48-7/8	
								1	Ш	-7C		MIDDLE CROSS BRACE, FORMED CHANNEL	A36	11ga. x 9-1/2 x 48-7/8	
								2		-9		FORK TUBES	STEEL RECT. TUBE	.120 wall x 3 x 6 x 54-1/8	
								4		-11		WHEEL PADS	A36	1/2 x 4-1/8 x 4-5/8	
								1		-13		HITCH BOTTOM PLATE	A36	1/4 x 8-1/8 x 9-1/8	
								1		-15		RIGHT HITCH SIDE PLATE	A36	1/4 x 3-1/8 x 6-1/8	
								1		-16		LEFT HITCH SIDE PLATE	A36	1/4 x 3-1/8 x 6-1/8	
								2	$\vdash$	-17		VERTICAL PLATE	A36	1/4 x 3-7/8 x 4-3/8	
							$\forall$		H		_		AJU	1/4 X 3-1/6 X 4-3/6	
							$\triangle$	┢	$\vdash$	-21	1	HITCH WELDMENT			
							1		$\vdash$	-23		HITCH TUBE	STEEL RECT. TUBE	3/16 wall x 2 x 4 x 24 1/8	
							1		Ш	-25		HITCH PLATE	A36	1/2 x 4-7/8 x 9-5/8	
							1			-27		HANDLE	STEEL CDS TUBING	Ø1 x 3/16 wall x 18-5/8	
							1			-29		HINGE TUBE	STEEL CDS TUBING	Ø1 x .120 wall x 4-3/8	
							1			-31A		RIGHT HINGE STOP	A36	3/8 x 1 x 1-1/8	
							1	Т	$\vdash$	-31B		LEFT HINGE STOP	A36	3/8 x 1 x 1-1/8	
								$\vdash$	$\vdash$						-+
							2	$\vdash$	⊢	-33		CAP	A36	11ga. x 3-3/4 x 1-1/8	-
						$\angle$		$\vdash$	$\vdash \vdash$	-37	1	AFT CRADLE WELDMENT	-		
						1	Ш	Ш	ш	-39		TOP TUBE	STEEL SQ. TUBE	.12 wall x 2 x 2 x 25-5/8	
				- 1		2	L		$oxed{oxed}$	-41		VERTICAL SUPPORT	STEEL SQ. TUBE	.12 wall x 2 x 2 x 10-5/8	
				- 1	- 1	2				-43		BOTTOM ANGLE, FORMED	A36	11ga. x 2-1/2 x 29-1/8	
						1			П	-45		REAR PLATE	A36	11ga. x 8-5/8 x 25-5/8	$\neg$
						1			H	-47		FRONT PLATE	A36	11ga. x 8-5/8 x 25-5/8	-
									H				1		-
						1		$\vdash$	$\vdash$	-49		TOP PLATE	A36	11ga. x 6 x 22-1/8	$\longrightarrow$
						2			Н	-51		END CAP	A36	14ga. x 2-1/4 x 8-5/8	-
						2			Ш	-53		TOP CAP	A36	14ga. x 2-1/4 x 3-3/8	
				Ļ		2			Ш	-55		BOTTOM GUSSET	A36	11ga. x 1-1/2 x 4-5/8	
					$\boxtimes$					-57	1	FORWARD BUNK WELDMENT			
					1					-59		TOP PLATE	A36	11ga. x 5-1/8 x 45-1/4	
				Ī	2				П	-61		BOTTOM ANGLE, FORMED	A36	11ga. x 2-1/2 x 48-3/4	
				ı	2					-63		BOTTOM CAP	A36	14ga. x 2 x 2	
				ŀ					$\vdash$					-	-
				ŀ	2				$\vdash$	-65		TOP CAP	A36	14ga. x 2-1/8 x 3-7/8	-+
				ŀ	1				$\vdash$	-67		REAR PLATE	A36	11ga. x 5-3/4 x 51-3/8	-
				ļ	1				Ш	-69		FRONT PLATE	A36	11ga. x 5-3/4 x 51-3/8	
				ļ	1					-71		CENTER TUBE	STEEL SQ. TUBE	.12 wall x 2 x 2 x 48-3/4	
				L	2					-73		VERT. TUBE	STEEL SQ. TUBE	.12 wall x 2 x 2 x 5-1/8	
										-75	4	SPACER	DOM	Ø3/4 x .134 wall x 3/8	
				X						-77	8	NUT CHANNEL WELDMENT			$\neg$
			۲	1					$\Box$	-79		CROSS BRACE, FORMED CHANNEL	A36	11ga. x 5-1/4 x 14-1/8	
			F	<del>'</del>	-				D/O			WELD NUT			
		ŀ	$\forall$	6	-				B/O				STEEL	3/8-16 UNC MCMASTER-CARR #93560A160	
		$\rightarrow$	$\stackrel{\sim}{\rightarrow}$	$\dashv$	_				$\vdash$	-117	1	TAIL BOOM BRACKET ASSEMBLY			$\longrightarrow$
		$\bowtie$	1	_					Ш	-119		BRACKET WELDMENT			
		1								-121		BASE TUBE	6061 SQ.TUBE	1/8 wall x 1-1/2 x 1-1/2 x 13-1/2	
	L	2	[	_ [	_ 1		LĪ	LĪ	LΙ	-123		SPACER BLOCK	6061 SQ. BAR	1-1/2 x 1-1/2 x 2-1/8	T
	$\square$	1		$\neg$	$\neg$					-125		LONG ARM WELDMENT			
$\overline{}$	1	$\dashv$	一	$\neg$	$\neg$			П		-125A		MACHINED LONG ARM WELDMENT			$\neg$
1	╁┼	$\dashv$	$\dashv$	$\dashv$	$\dashv$			$\vdash$	$\vdash$	-127		LONG ARM	6061	5/16 x 1-3/8 x 9-1/2	-+
<del>\</del>	$\vdash$	_	+	$\dashv$	$\dashv$		$\vdash$	$\vdash$	$\vdash \vdash$			SHORT ARM WELDMENT	0001	3/10 A 1°3/0 A 3°1/2	-
$\mathcal{A}$	$\vdash$	1	$\dashv$	$\dashv$	$\dashv$				$\vdash$	-129					-
1	$\vdash$	-	+	$\dashv$	$\dashv$		$\vdash$	$\vdash$	$\vdash\vdash$	-129A		MACHINED SHORT ARM WELDMENT			+
_	$\vdash$	_	$\dashv$	_	-		$\vdash$	$\vdash$	$\vdash \vdash$	-131		SHORT ARM	6061	5/16 x 1-3/8 x 5-7/8	
1	$\vdash$		_	_				$\vdash$	$\sqcup$	-133		GROOVE MOUNT	6061	Ø1 x 1-1/8	$\longrightarrow$
		2							Ш	-135		FORWARD BRACE	6061	5/16 x 1-3/8 x 6-1/2	
		1						L		-137		LEFT BRACE	6061	1/4 x 3/4 x 5-3/4	
		1	$\top$	$\neg$	П					-139		RIGHT BRACE	6061	1/4 x 3/4 x 4-1/2	
		1	T	$\neg$					П	-141		LEFT RISER	6061	1/4 x 7/8 x 7-5/8	$\neg$
		1	$\dashv$	$\dashv$	$\neg$			т	$\vdash$	-143		RIGHT RISER	6061	1/4 x 7/8 x 7-5/8	-
		1	$\dashv$	$\dashv$	$\dashv$				$\vdash$	-145		LEFT GUSSET	<del>                                     </del>	5/16 x 3/4 x 4-1/4	-
			$\dashv$	$\dashv$	$\dashv$		$\vdash$	$\vdash$	$\vdash$				6061	5/16 x 1 x 4-1/2	
		1	+	$\dashv$	$\dashv$	$\vdash$	$\vdash$	$\vdash$	⊢	-147		RIGHT GUSSET	6061		-
		1	$\dashv$	_	_		$\vdash$	$\vdash$	$\vdash \vdash$	-149		LEFT SIDE TUBE	6061 SQ.TUBE	1/8 wall x 3/4 x 3/4 x 4-3/4	
		1		╝					Ш	-151		FRONT CROSS TUBE	6061 SQ.TUBE	1/8 wall x 3/4 x 3/4 x 12-5/8	
		1	$\top$	$\neg$	$\neg$					-153		REAR CROSS TUBE	6061 SQ.TUBE	1/8 wall x 3/4 x 3/4 x 11-7/8	
		1	$\dashv$	7	$\dashv$			П	$\vdash$	-155		REAR CROSS BAR	6061	1/4 x 3/4 x 10-5/16	
	1 1	_	$\dashv$	$\dashv$	$\dashv$				$\vdash$	-157		END CAP	6061	14ga. x 3/4 x 3/4	-+
		1						1		101		LITE ON	0001	1 1 7 9 4 . A 3/7 A 3/7	$\longrightarrow$
		2	$\dashv$	$\dashv$	$\neg$					-159		BUSHING	6061 SQ. BAR	1-1/2 x 1-1/2 x 2-1/8	

REV	ECR	REVISIONS DESCRIPTION	DATE	INITIAL	APPROVE
1	ECR	DELECTED -17 & -35 HITCH SPRING & ASSY., REPLACED WITH BALL LOCK PIN. SEGMENTED -3 INTO 3 PIECES TO MAKE FRAME SECTIONAL, AND ADDED NUT CHANNEL WELDMENTS TO SECURE THE SECTIONS TOGETHER13 HITCH BOTTOM PLATE WAS 1/2 x 14 x 9 WITH 3-1/2 x 2-3/4 CHAMFER15 HITCH HITCH SIDE PLATE WAS 1/2 THICKNESS. CHANGED -27 TO PIPE FROM ROUND BAR.	4/20/09		DW
2		CH'D P/N -55 DIM TO 2.00, ADDED CHAMFER DIM TO P/N -15, CH'D DIM TO 3.375 P/N -7B & DIM CENTERLINE TO HOLE CENTERLINE TO 1.687 P/N -7B, CH'D NOTE P/N -3B, CH'D P/N -55, -63, -105 ON THE BOM. CH'D HOLE DIA TO .266 P/N'S -43, -45, -55, -57, -59, -61, -63, -65, -67.	5/13/09	RJC	DW
3		COMPLETE REDESIGN OF BUNK AND CRADLES AND ASSOCIATED PARTS. ALSO EXTENDED -77 NUT PLATE FROM 13in TO 20in AND WELDED ON ONE END, WAS BOLTED.	3/18/10	WP	DW
4		SWITCHED FROM WELD ON D-RINGS TO BOLT ON, AND ADDED TO HOLES TO TOP OF FRONT AND REAR. SIDE RAILS TO ACCOMMODATE. DELETED -19 AND ADDED -119, 121, & 123.	4/7/10	WP	DW
5		CHANGED -15 QTY FROM 2 TO 1, AND ADDED -16 TONGUE SIDE PLATE TO REDUCE CONFUSION.	4/28/10	WP	DW
6		ADDED SECOND PAGE TO BILL OF MATERIALS1 MOVED CROSS MEMBERS AND FORK TUBES BACK .25 AWAY FROM JOINT CENTER. ALSO CHANGED NUT CHANNEL WELDMENT FROM REAR SECTION TO MIDDLE SECTION. CHANGED -17 POSITION FROM TOP OF TUBE TO INSIDE. FOR -3A, 3B, AND 3C CHANGE HOLE POSITIONS TO MATCH NUT CHANNEL. CHANGED -7 A, 7B,AND 7C MATERIAL THICKNESS FROM 3/16 TO 11ga. CHANGED -13 WAS 3/8 x 9 x 12 WITH 30° CHAMFERS. DELETED -17A & 17B, CHANGED -17 WELDMENT TO VERTICAL PLATE15 & 16 WAS 3/8 THICK MATERIAL, NOW 1/4. CHANGED -31 A & B PROTRUSION FROM. 50 TO .40. CHANGED -31 TO -31A & 31B LEFT AND RIGHT51 & 53 WAS 3.09 WIDE, NOW 2.0939 TUBE WAS 3 x 2, NOW 2 x 245 WAS R10.197, NOW R10.03; AND -47 WAS R9.190, NOW R9.40 TO ADJUST FOR -39 CHANGES. ALSO ADDED 1/4 x 1.19 CUT OUTS TO -45 & -47 TO CLEAR WELDS. ALSO CORRECTED -49 FLAT LAYOUT. COMPLETE REDESIGN OF BUNK AND CRADLES AND ASSOCIATED PARTS. ALSO EXTENDED -77 NUT PLATE FROM 13 in TO 20 in AND WELDED ON ONE END, WAS BOLTED. CORRECTED -59 FLAT LAYOUT. CHANGED -67& 69 END HOLES FROM Ø.266 TO Ø.453. CHANGED -79 NUT CHANNEL LENGTH FROM 20 TO 14, DELETED OUTER FOUR HOLES AND MOVED REMAINING SIX TO ACCOMMODATE NEW CROSS MEMBER POSITIONS. CHANGED -75 FROM A WELDMENT TO A SPACER. DELETED -75A & 75B, AND ADDED -125 SHACKLE, -127 NUT, -129 WASHER. ADDED TAIL BOOM BRACKET ASSEMBLY, WELDMENT, AND PARTS ON PAGES 16 through 20. CREATED -125 & 129 MACHINED WELDMENT. DELETED EIGHT COUNTER SUNK HOLES FROM -121 AND ADDED CHAMFERS TO BOTH ENDS. DELETED HOLE FROM -159. ADDED -16 TO MAKE LEFT AND RIGHT HITCH SIDE PLATES. DELETED -19 AND -35. DELETED -83 through -117 BECAUSE OF TAIL BOOM BRACKET. ALSO ADDED THE STORAGE CASE TO BE SELECTED AT A LATER DATE. TAIL BOOM BRACKET WAS TRANSFERRED FROM TOOL NO. RBW5305G00131-3G.	6/28/10	WP	DW
6A		6A -79 CORRECTED QTY. WAS Ø.532 (x8) IS Ø.532 (x6)81 CORRECTED QTY. WAS (x8) IS (x6) ALSO FILLET WELD QTY. WAS (x8) IS (x6).	2/12/13	RJC	DW
7	14-0122	CHID TITLE BLOCK WAS RED BARN IS DART. CHID TOLERANCE ON NON-CRITICAL DIMENSIONS3A, -3B, -3C, -5, -7A, -7B, -7C, -9, -11, -13, -15, -16, -17, -25, -31A, -31B, -33, -39, -41, -45, -47, -49, -51, -53, -55, -59, -61, -63, -65, -67, -69, -75, -79, -81, -127, -131, -133, -135, -141, -143, -147, -149, -151, -153, -157, -163 CHID B/O INFO7A, -7B, -7C, -11, -13, -15, -16, -17, -25, -31A, -31B, -33, -39, -43, -45, -47, -49, -51, -53, -55, -59, -61, -63, -65, -67, -69, -79, -165 CHID MAT'L WAS 1018 IS A36 H.R3A CHID Ø 386 HOLE QTY WAS 8X IS 6X, CHID DIMS WAS 3X. 750 IS 2X. 750, WAS 3X 1.500 IS 2X 1.50, WAS 1.50 IS 2X 1.50, CORRECTED DIM WAS 45.96 IS 46.963B CHID DIM WAS 3X .750 IS 4X .750, WAS 3X 1.500 IS 2X 1.50, WAS 1.50 IS 2X 1.50, WAS 3X 1.500 IS 2X 1.50 WAS 1.50 IS 2X 1.50, WAS 1.50 IS 2X 1.50, WAS 3X 1.500 IS 2X 1.50, WAS 1.50 IS 2X 1.50, WAS 3X 1.500 IS 2X 1.50, WAS 1.50 IS 2X 1.50, WAS 1.50 IS 2X 1.50, WAS 3X 1.500 IS 2X 1.50 WAS 1.50 IS 2X 1.50, WAS 1.50 IS 2X 1.50, WAS 3X 1.500 IS 2X 1.50 WAS 1.50 IS 2X 1.50, WAS 1.50 IS 2X IMITS 0.500 S.F163 IS 0.590 S.F163, DELETED ENGRAVE NOTE125, -129 DELETED DIMS. 6.25, 1.00, 31127, -131 CHID DIMS WAS 0.985 S.F133 IS 0.985 +.005000133 CHID DIMS WAS 0.984 S.F. IS 0.984 +.000005147 CHID DIM WAS 0.50 S.F161 IS IMITS 0.500 TO 5.028, ADDED DIMS 2.00, 4.03, R.25 MAX172 CORRECTED P/N WAS -171 IS -172, CHID B/O INFO WAS 90312A210 IS #90312A160187 CHID B/O I	8/18/14	DJN	RJC

	DA				
TAIL BO	OM TRAI	NSP0R	T TRE		<u>-</u> Y
DWG NO.	5305G002	232-3G			REV 7
MAT'L		DRAWN BY:	PERI	RITT	
UNLESS OTHERWISE DIMENSIONS ARE IT		APPROVED	2	D aux	ril
	IONS ± 1/8	HEAT TREAT			
.XX ± .01 AN	GLES ±.5°	FINISH			
.X ± .1 UNLESS OTHERWISE	SDECIEIED	SPEC			
1. BREAK ALL SHAR	P EDGES	U	SED ON MOD	DEL	
.015 x 45° OR .01 2. DIMENSIONAL LIMITS APPLY			AGUSTA		
SCALE		6-09	SHEET 2	of	72

1   -161	ASSY ASSY QTY QTY	Y ASSY / QTY	ASSY QTY	B/O	PART#	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	DW/ Pg						
2   1-165   TIE DOWN ADAPTER PLATE									1		-161		MAIN SHAFT	SP G&P	Ø1-1/8 x 29-1/4	70
2									1		-163		EYE BOLT ROD	0-1	Ø12 mm x 16-5/8 MCMASTER-CARR #88625K72	71
2									2		-165		TIE DOWN ADAPTER PLATE	A36	3/8 x 1-1/2 x 4	72
2				2						B/O	-167		EYE NUT	PLATED STEEL	12 mm MCMASTER-CARR #3112T54	48
2				2						B/O	-169		PAN HEAD MACHINE SCREW	PLATED STEEL	#10-32 UNF x 1/4 MCMASTER-CARR #90272A825	48
2				2						B/O	-171		BALL LOCK PIN	PLATED STEEL	Ø1/2 x 1.8 usable MCMASTER-CARR #98320A498	48
2   80 -175				2						B/O	-172		LANYARD, LOOP TO EYE	COATED STEEL	Ø3/64 x 6 MCMASTER-CARR #90312A160	48
10				2						B/O	-173		NUT	PLATED STEEL	3/8-24 UNF MCMASTER-CARR #95462A515	48
BIO   179				2						B/O	-175		THIN FLAT WASHER	PLATED STEEL	Ø3/8 I.D. MCMASTER-CARR #94744A265	48
Bio   181										B/O	-177	4	WRATCHETING TIE DOWN	POLYESTER WEB	1-1/2 in x 8 ft. EUGENE EQUIPMENT #WCRS8	N/
BIO -183 2 FLAT WASHER										B/O	-179	1	HEX HEAD CAP SCREW	PLATED GR. 8	3/4-10 UNC x 6-1/4 MCMASTER-CARR #91257A860	1
BIO -185										B/O	-181	1	LOCK NUT	PLATED	3/4-10 UNC MCMASTER-CARR #94820A036	1
Bio   187   2   HEX HEAD CAP SCREW										В/О	-183	2	FLAT WASHER	PLATED	Ø3/4 I.D. x .122 THICK MCMASTER-CARR #98023A036	1
BIO   189   16   HEX HEAD CAP SCREW										B/O	-185	1	HITCH STOP, WITH ADHESIVE BACK	RUBBER	3/16 x1 x 2 GASKET SPECIALTIES	1
BO										B/O	-187	2	HEX HEAD CAP SCREW	PLATED GR.5	7/16-14 UNC x 3 MCMASTER-CARR #91247A681	1
Bio   193   44   HEX HEAD CAP SCREW   PLATED GR.5   1/4-20 UNC x 3/4   MCMASTER-CARR #92865A540     Bio   195   88   FLAT WASHERS   PLATED   01/4   LD.   MCMASTER-CARR #91090A105     Bio   197   44   NYLOCK NUT   PLATED   1/4-20 UNC   MCMASTER-CARR #92865A540     Bio   197   49   49   NYLOCK NUT   PLATED   1/4-20 UNC   MCMASTER-CARR #92865A624     Bio   197   49   32   HEX HEAD CAP SCREW   PLATED   GR.5   3/9-16 UNC x 1   MCMASTER-CARR #92865A624     Bio   201   1   BALL LOCK PIN WITH LANYARD   PLATED   03/8 x 1 usable   MCMASTER-CARR #94975A231     Bio   203   1   PHILLIPS MACHINE SCREW   PLATED   #10-32 UNF x 1/4   MCMASTER-CARR #90272A825     Bio   205   2   6 in. SWIVEL WHEELS WITH BRAKES   APPLIED (BASSICK #CDS60156TZ-UOA81 (BG) [TB] )     Bio   207   2   6 in. FIXED WHEELS WITH BRAKES   APPLIED (BASSICK #CDS60156TZ-UOA81 (BG) [TB] )     Bio   209   1   FOAM PAD   Y20, BLACK CLOSED CELL   3/4 FLICK x 5-1/4 x 120   1 R SPECIALTY     Bio   211   DART PLACARD   RB41011     Bio   213   48   FLAT WASHERS   PLATED   Ø3/8 LD.   MCMASTER-CARR #94744A265     Bio   215   4   BOLT ON D-RING   S.S.   Ø3/8   COYOTE STEEL #3/8 SS D-RING     Bio   217   8   CARRAIGE BOLTS   PLATED   3/8-16 UNC x 4   MCMASTER-CARR #90185A640     Bio   221   2   PINNED SHACKLE   PLATED   Ø3/8 MCMASTER-CARR #9045A031     Bio   222   4   FLAT WASHER   PLATED   Ø3/8 MCMASTER-CARR #90126A032     Bio   222   4   FLAT WASHER   PLATED   Ø3/16 MCMASTER-CARR #90615A180     Bio   222   8   FLAT WASHER   PLATED   Ø3/16 MCMASTER-CARR #90615A180     Bio   222   8   FLAT WASHERS   PLATED   Ø3/16 LD.   MCMASTER-CARR #90615A180     Bio   222   8   FLAT WASHERS   PLATED   Ø3/8 LD.   MCMASTER-CARR #90615A180     Bio   222   8   FLAT WASHERS   PLATED   Ø3/8 LD.   MCMASTER-CARR #90615A180     Bio   222   8   FLAT WASHERS   PLATED   Ø3/8 LD.   MCMASTER-CARR #90615A180     Bio   222   8   FLAT WASHERS   PLATED   Ø3/8 LD.   MCMASTER-CARR #90615A180     Bio   222   8   FLAT WASHERS   PLATED   Ø3/8 LD.   MCMASTER-CARR #90650A200										B/O	-189	16	HEX HEAD CAP SCREW	PLATED GR.5	3/8-16 UNC x 3/4 MCMASTER-CARR #92865A622	Ŀ
Bio   195   88   FLAT WASHERS   PLATED   Ø1/4 I.D. MCMASTER-CARR #91090A105										B/O	-191	56	SPLIT LOCK WASHER	PLATED	Ø3/8 I.D. MCMASTER-CARR #91102A760	ŀ
BiO   -197   44   NYLOCK NUT										B/O	-193	44	HEX HEAD CAP SCREW	PLATED GR.5	1/4-20 UNC x 3/4 MCMASTER-CARR #92865A540	1
BiO   199   32   HEX HEAD CAP SCREW   PLATED GR.5   3/8-16 UNC x 1   MCMASTER-CARR #92865A624     BiO   201   1   BALL LOCK PIN WITH LANYARD   PLATED   Ø3/8 x 1 usable   MCMASTER-CARR #94975A231     BiO   203   1   PHILLIPS MACHINE SCREW   PLATED   #10-32 UNF x 1/4   MCMASTER-CARR #90272A825     BiO   205   2   6 in. SWIVEL WHEELS WITH BRAKES   APPLIED   BASSICK #CD\$60156TZ-UOA81 (BG) [TB] )     BiO   207   2   6 in. FIXED WHEELS WITH BRAKES   APPLIED   BASSICK #CD\$60156TZ-UOA81 (BG) [TB] )     BiO   209   1   FOAM PAD   Y-20, BLACK, CLOSED CELL   3/4 THICK x 5-1/4 x 120   IR SPECIALTY     BiO   211   1   DART PLACARD   RB41011     BiO   213   48   FLAT WASHERS   PLATED   Ø3/8 I.D. MCMASTER-CARR #94744A265     BiO   215   4   BOLT ON D-RING   S.S.   Ø3/8   COYOTE STEEL #3/8 SS D-RING     BiO   217   8   CARRAIGE BOLTS   PLATED   3/6-16 UNC   MCMASTER-CARR #95015A640     BiO   219   8   HEAVY HEX NUT   PLATED   Ø3/8   MCMASTER-CARR #95045A031     BiO   222   2   PINNED SHACKLE   PLATED   Ø3/8   MCMASTER-CARR #950126A032     BiO   222   4   FLAT WASHER   PLATED   Ø7/16   MCMASTER-CARR #90126A032     BiO   222   8   FLAT WASHERS   PLATED   Ø3/8 I.D. MCMASTER-CARR #90850A200										B/O	-195	88	FLAT WASHERS	PLATED	Ø1/4 I.D. MCMASTER-CARR #91090A105	Ŀ
B/O -201   BALL LOCK PIN WITH LANYARD   PLATED   Ø3/8 x 1 usable   MCMASTER-CARR #94975A231     B/O -203   1 PHILLIPS MACHINE SCREW   PLATED   #10-32 UNF x 1/4   MCMASTER-CARR #90272A825     B/O -205   2   6 in. SWIVEL WHEELS WITH BRAKES   APPLIED (BASSICK #CDS60156TZ-UOA81 (BG) [TB] )     B/O -207   2   6 in. FIXED WHEELS WITH BRAKES   APPLIED (BASSICK #CPR60156TZ-UOA81 (BG) [TB] )     B/O -209   1   FOAM PAD   Y-20, BLACK, CLOSED CELL 3/4 THICK x 5-1/4 x 120   I R SPECIALTY     B/O -211   1   DART PLACARD   RB41011     B/O -213   48   FLAT WASHERS   PLATED   Ø3/8 I.D.   MCMASTER-CARR #94744A265     B/O -215   4   BOLT ON D-RING   S.S.   Ø3/8   COYOTE STEEL #3/8 SS D-RING     B/O -217   8   CARRAIGE BOLTS   PLATED   3/8-16 UNC x 4   MCMASTER-CARR #95185A640     B/O -221   2   PINNED SHACKLE   PLATED   Ø3/8 I.D.   MCMASTER-CARR #3561T13     B/O -223   4   FLAT WASHER   PLATED   Ø3/8   MCMASTER-CARR #361T13     B/O -225   2   NYLON LOCK NUT   PLATED   7/16-14 UNC   MCMASTER-CARR #901850A200										B/O	-197	44	NYLOCK NUT	PLATED	1/4-20 UNC MCMASTER-CARR #95615A120	1
BIO -203										-		32	HEX HEAD CAP SCREW		3/8-16 UNC x 1 MCMASTER-CARR #92865A624	Ŀ
BIO -205										B/O	-201	1	BALL LOCK PIN WITH LANYARD	PLATED	Ø3/8 x 1 usable MCMASTER-CARR #94975A231	1
BIO   -207   2   6 in. FIXED WHEELS WITH BRAKES   APPLIED (BASSICK #CPR60156TZ-UOA81 (BG) [TB])										B/O	-203	1	PHILLIPS MACHINE SCREW	PLATED	#10-32 UNF x 1/4 MCMASTER-CARR #90272A825	1
B/O -209										B/O	-205	2	6 in. SWIVEL WHEELS WITH BRAKES		APPLIED (BASSICK #CDS60156TZ-UOA81 (BG) [TB] )	Ŀ
BiO -211										B/O	-207	2	6 in. FIXED WHEELS WITH BRAKES		APPLIED (BASSICK #CPR60156TZ-UOA81 (BG) [TB] )	Τ
B O -213										B/O	-209	1	FOAM PAD	Y-20, BLACK, CLOSED CELL	3/4 THICK x 5-1/4 x 120 I R SPECIALTY	1
B/O -215										B/O	-211	1	DART PLACARD		RB41011	1
B/O -217										B/O	-213	48	FLAT WASHERS	PLATED	Ø3/8 I.D. MCMASTER-CARR #94744A265	T
B/O -219										B/O	-215	4	BOLT ON D-RING	S.S.	Ø3/8 COYOTE STEEL #3/8 SS D-RING	Τ.
B/O -221   2   PINNED SHACKLE										B/O	-217	8	CARRAIGE BOLTS	PLATED	3/8-16 UNC x 4 MCMASTER-CARR #90185A640	1
B/O -221 2   PINNED SHACKLE   PLATED   Ø3/8   MCMASTER-CARR #3561T13     B/O -223 4   FLAT WASHER   PLATED   Ø7/16   MCMASTER-CARR #90126A032     B/O -225 2   NYLON LOCK NUT   PLATED   7/16-14 UNC   MCMASTER-CARR #95615A180     B/O -227 8   FLAT WASHERS   PLATED   Ø3/8 I.D.   MCMASTER-CARR #90850A200										В/О	-219	8	HEAVY HEX NUT	PLATED	3/8-16 UNC MCMASTER-CARR #95045A031	Ť
B/0 -223												2	PINNED SHACKLE	PLATED	Ø3/8 MCMASTER-CARR #3561T13	Τ.
B/O -225 2 NYLON LOCK NUT										-			FLAT WASHER	PLATED	Ø7/16 MCMASTER-CARR #90126A032	1
B/0 -227   8   FLAT WASHERS   PLATED   Ø3/8 I.D.   MCMASTER-CARR #90850A200										B/O				PLATED		1
										B/O		8	FLAT WASHERS	PLATED	Ø3/8 I.D. MCMASTER-CARR #90850A200	T
										B/O			CRATE		SPECIALTY CRATES 80 X 60 X 32 CRATE 2 WAY BASE, 2 X 4 SKIDS, ISPM15 CERTIFIED HT	1
ASSY/ASSY/ASSY/ASSY/ASSY/ASSY/ASSY/ASSY	ASSY ASSY	Y ASSY	ASSY	ASSY	ASSY	ASSY	ASSY	ASSY	ASSY	1						十

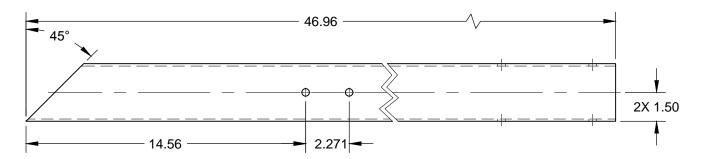
		AEROS					
TAIL BO	]M	TRAN	1SP0R	ТТ	RE	ILLE	<u> Y</u>
	5305	5G002	32-30	- ]			REV 7
MAT'L			DRAWN BY:	PE	ERR	ITT	
UNLESS OTHERWISE S DIMENSIONS ARE IN			APPROVED		$\overline{z}$	200e	ril
.XXX + .005 FRACTION		-	HEAT TREAT				
.XX ± .01 ANG	SLES ±.	5°	FINISH				
.X ± .1 UNLESS OTHERWISE S	DECIE	ED	SPEC				
1. BREAK ALL SHARP	EDGE		L	JSED ON	MOD	EL	
.015 x 45° OR .015 2. DIMENSIONAL LIMITS APPLY A		AT <b>I</b> NG		AGUS	TA		
SCALE	DATE		6-09	SHEET	3	of	72

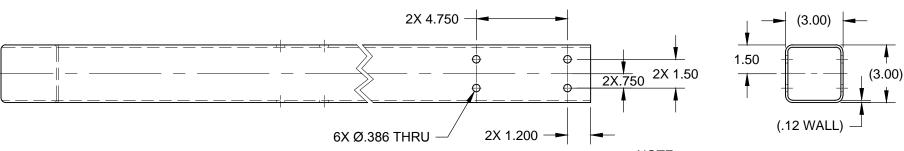
REVISIONS This drawing, specifications, and concepts contained herein are the sole property DATE INITIAL APPROVE DESCRIPTION of Dart Aerospace, and may not be reproduced or used in any fashion without the SEGMENTED -3 INTO 3 PIECES TO MAKE FRAME SECTIONAL, AND ADDED CHANNEL NUT PLATES TO SECURE THE SECTIONS TOGETHER.

COMPLETE REDESIGN OF BUNK AND CRADLES AND ASSOCIATED PARTS. ALSO 4/20/09 WP DW prior written permission of Dart Aerospace Eugene, OR. EXTENDED -77 NUT PLATE FROM 13in TO 20in AND WELDED ON ONE END, WAS SWITCHED FROM WELD ON D-RINGS TO BOLT ON, AND ADDED TO HOLES TO TOP OF FRONT AND REAR SIDE RAILS TO ACCOMMODATE. DELETED -19 AND 4/7/10 WP DW ADDED -119, 121, & 123. CHANGED -15 QTY FROM 2 TO 1, AND ADDED -16 TONGUE SIDE PLATE TO 4/28/10 WP DW REDUCE CONFUSION. 6/28/10 WP DW -1 MOVED CROSSMEMBERS AND FORK TUBES BACK .25 AWAY FROM JOINT CENTER. ALSO CHANGED NUT CHANNEL WELDMENT FROM REAR SECTION TO MIDDLE SECTION. CHANGED -17 POSITION FROM TOP OF TUBE TO INSIDE. 88.5 -77 (-199) 2X (-3C) 2X(-3A) 2X(-3B) 2X 6X (-77)(-199) 2X(-5) (-7A) 2X 6X (-7C) 2X(-17) 27.4 (-9) 54.8 20.3 10.1 **REAR SECTION** FRONT SECTION MIDDLE SECTION (-77)(-199) 2X 6X -77 (-199) 4X .10 GAP (6.6)**BETWEEN SIDE RAILS** − 14.2 → 6X .4 TO GAP CENTER → 51.9 53.0 158 - 2X 2.25 (4X PER 8 NUT PLATES) NOTE: BOLT -3A, -3B, & -3C SIDE RAILS TOGETHER WITH -77 NUT CHANNEL WELDMENTS NOTE HOLE BEFORE WELDING FRAME PARTS TO LOCATION ENSURE SIDE RAIL ALIGNMENT. 33.0 TAIL BOOM TRANSPORT TROLLEY 8X WELD 1st TWO HOLES REMOVE BOLTS AND WELD 2ND TWO HOLES, THIS END OF NUT PLATES ONLY. RBW5305G00232-3G-1 PERRITT D Weil DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/8 ANGLES ±.5° POWDER COAT YELLOW FED #13538 UNLESS OTHERWISE SPECIFIED

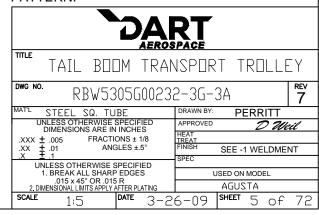
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL FRAME WELDMENT AGUSTA DATE 3-26-09 SHEET 4 of 72

	REVISIONS										
RE	/ ECR	DESCRIPTION	DATE	INITIAL	APPROVED						
1		-3A SEGMENTED -3 INTO 3 PIECES TO MAKE FRAME SECTIONAL.	4/20/09	WP	DW						
6		-3A CHANGED HOLE POSITIONS TO MATCH NUT CHANNEL.	6/28/10	WP	DW						
7	14-0122	-3A CH'D Ø.386 HOLE QTY WAS 8X IS 6X, CH'D DIMS WAS 3X .750 IS 2X .750, WAS 3X 1.500 IS 2X 1.50, WAS 1.50 IS 2X 1.50, CORRECTED DIM WAS 45.96 IS 46.96.	8/15/14	DJN	RJC						





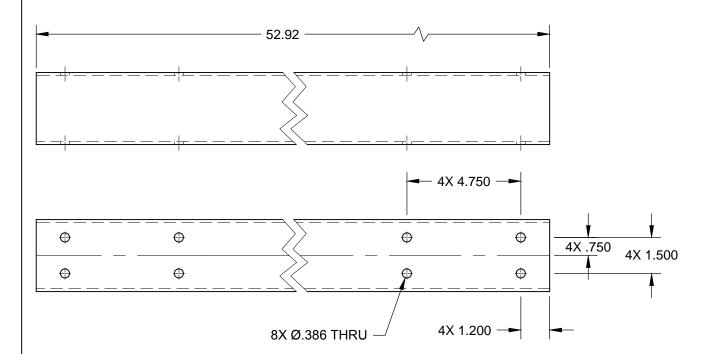
NOTE:
MUST MATCH CHANNEL NUT PLATE BOLT PATTERN.

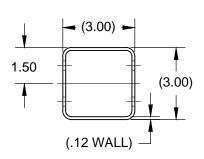


-3A

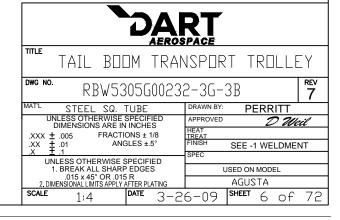
FRONT SIDE RAIL

	REVISIONS										
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED						
1		-3B SEGMENTED -3 INTO 3 PIECES TO MAKE FRAME SECTIONAL.	4/20/09	WP	DW						
2		-3B CH'D NOTE.	5/13/09	RJC	DW						
6		-3B CHANGED HOLE POSITIONS TO MATCH NUT CHANNEL.	6/28/10	WP	DW						
7	14-0122	<b>-3B</b> CH'D DIM WAS 3X .750 IS 4X .750, WAS 3X 1.500 IS 4X 1.50.	8/15/14	DJN	RJC						





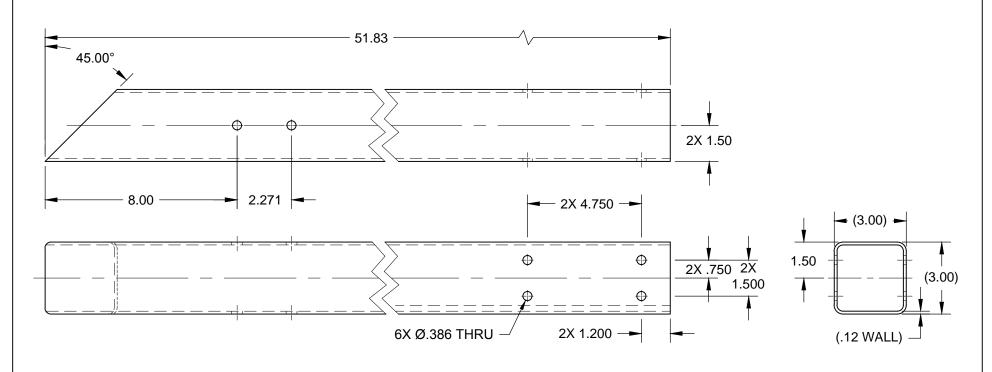
NOTE: MUST MATCH CHANNEL NUT PLATE BOLT PATTERN.



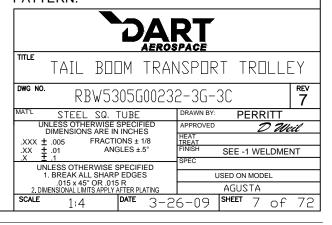
(-3B)

CENTER SIDE RAIL

	REVISIONS										
RE\	ECR	DESCRIPTION	DATE	INITIAL	APPROVED						
1		-3C SEGMENTED -3 INTO 3 PIECES TO MAKE FRAME SECTIONAL.	4/20/09	WP	DW						
6		-3C CHANGED HOLE POSITIONS TO MATCH NUT CHANNEL.	6/28/10	WP	DW						
7	14-0122	<b>-3C</b> CH'D Ø.386 HOLE QTY WAS 8X IS 6X, CH'D DIMS WAS 3X .750 IS 2X .750, WAS 3X 1.500 IS 2X 1.50, WAS 1.50 IS 2X 1.50.	8/15/14	DJN	RJC						



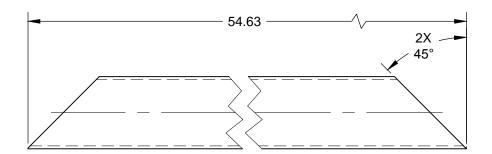
## NOTE: MUST MATCH CHANNEL NUT PLATE BOLT PATTERN.

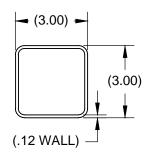


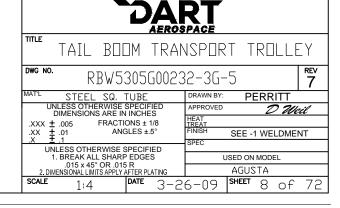
-3C REAR SIDE RAIL

 REVISIONS

 REV
 ECR
 DESCRIPTION
 DATE
 INITIAL
 APPROVED









REVISIONS This drawing, specifications, and concepts contained herein are the sole property 
 DATE
 INITIAL
 APPROVED

 6/28/10
 WP
 DW

 8/15/14
 DJN
 RJC
 DESCRIPTION of Dart Aerospace, and may not be reproduced or used in any fashion without the -7A MATERIAL THICKNESS FROM 3/16 TO 11ga. prior written permission of Dart Aerospace Eugene, OR. 7 14-0122 -7A CH'D DIM WAS 11ga IS (.12). 2.375 48.69 \_\_ 10X 1.687 Φ Ф Φ Φ Φ Φ Φ Φ Φ -R.25 L 10X 3.373 4.750 2.375 Φ Φ Φ Φ Φ Φ Φ - 20X Ø.266<sup>+.020</sup> (.12) — 8X 1.875 — − 2X 2.063 10X 4.125 -DART TITLE TAIL BOOM TRANSPORT TROLLEY RBW5305G00232-3G-7A UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

XXX ± .005 FRACTIONS ± 1/8

XX ± .01 ANGLES ± .5°

LINE FCC PERRITT APPROVED D Weil SEE -1 WELDMENT (-7A) UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

0.15 x 45° 0R, 015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

CALE

1:4

DATE

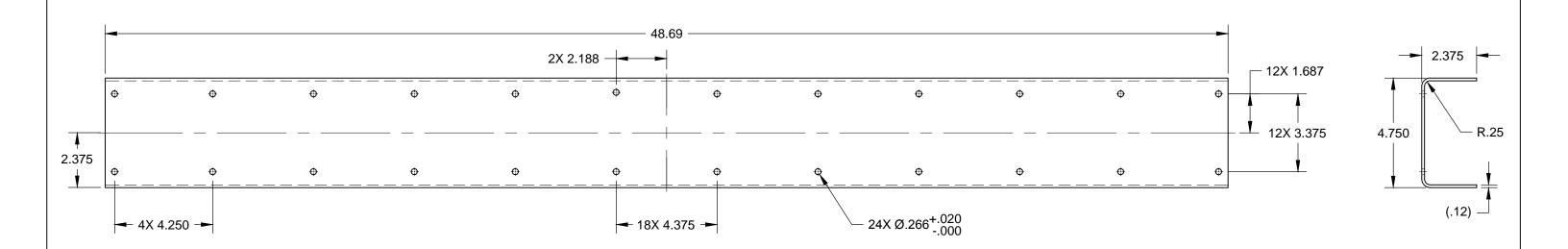
3-26-09

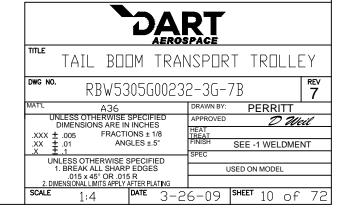
SHEET

9 of 72 REAR CROSS BRACE

SCALE

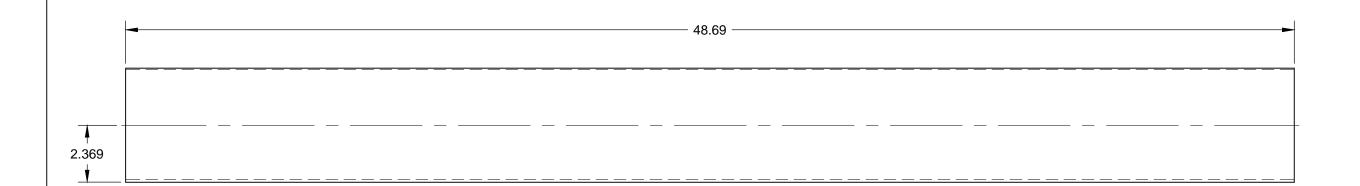
		REVISIONS			
RE\	/ ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-7B CD'D DIM TO 3.375 & DIM CENTERLINE TO HOLE CENTERLINE TO 1.687.	5/13/09	RJC	DW
6		-7B MATERIAL THICKNESS FROM 3/16 TO 11ga.	6/28/10	WP	DW
7	14-0122	-7B CH'D DIM WAS 11ga IS (.12).	8/15/14	DJN	RJC

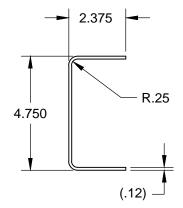


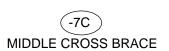


-7B FRONT CROSS BRACE

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6		-7C MATERIAL THICKNESS FROM 3/16 TO 11ga.	6/28/10	WP	DW
7	14-0122	-7C CH'D DIM WAS 11ga IS (.12).	8/15/14	DJN	RJC

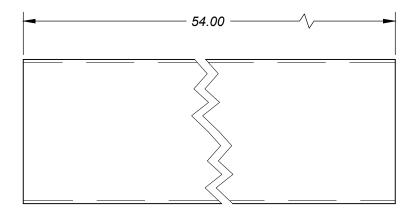


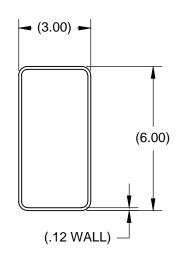




		72	AEROS	RT				
TITLE	TAIL	$B\square\square M$	TRAN	NSP0R	ТТ	R□l	LLE	Υ
DWG NO.	RB	W53050	30023	2-3G-7	7C			REV 7
MAT'L		A36		DRAWN BY:	PE	ERRI	TT	
		RWISE SPEC		APPROVED		D	Wei	il
.xxx ±		FRACTIONS ±		HEAT TREAT				
.xx ±	.01	ANGLES :	±.5°	FINISH	SEE -	1 WEL	.DMEN	IT
.X <u>±</u>	I ESS OTHE	RWISE SPECI	FIFD	SPEC				
	. BREAK ALL	SHARP EDG		U	SED ON	MODE	L	
2. DIM		OR .015 R S APPLY AFTER F	PLATING					
SCALE	1./	DATE	3-2	<u>6-</u> 09	SHEET	11	of	72

Т			REVISIONS			
ſ	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
ſ						





TITLE TAIL BOOM TRANSPORT TROLLEY DWG NO. REV 7 RBW5305G00232-3G-9 STEEL RECT. TUBE
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES DRAWN BY: PERRITT APPROVED D Weil HEAT TREAT FINISH FRACTIONS ± 1/8 .XXX ± .005 ANGLES ±.5° SEE -1 WELDMENT UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

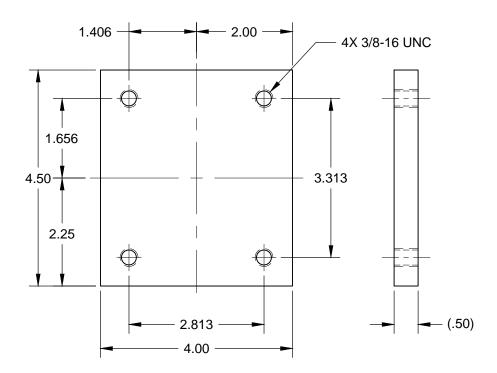
.015 x 45° OR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL AGUSTA SCALE 3-26-09 SHEET 12 of 1:4



**FORK TUBE** 

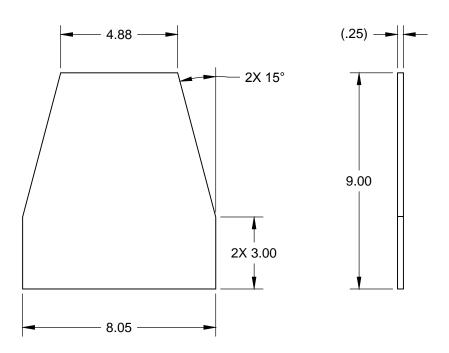
	REVISIONS							
REV	ECR	DATE	INITIAL	APPROVED				



-11 WHEEL PADS

JAK I AEROSPAGE									
TAIL BOI	JM TRAN	1SP0R	T TRO	LLE	Υ				
DWG NO. RBW5305G00232-3G-11 <b>REV</b>									
MAT'L A36	DRAWN BY:	PERR	ITT						
	N INCHES ONS ± 1/8	APPROVED HEAT TREAT	Z	Wed	il				
.XX ± .01 ANO	GLES ±.5°	FINISH	SEE -1 WEL	DMEN	T				
UNLESS OTHERWISE S	SPECIFIED	SPEC							
1. BREAK ALL SHARF	USED ON MODEL								
.015 x 45° OR .015 2. DIMENSIONAL LIMITS APPLY		AGUSTA							
scale 1:2	DATE 3-2	6-09	<b>SHEET</b> 13	of	72				

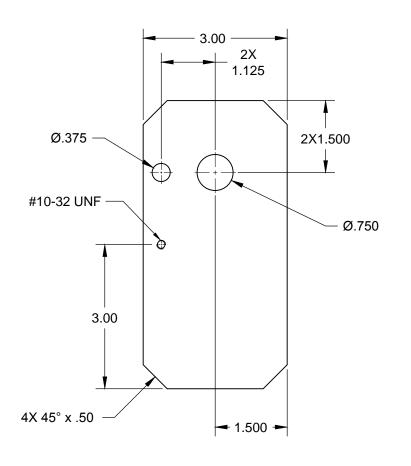
	REVISIONS										
REV	ECR	DATE	INITIAL	APPROVED							
1		-13 HITCH BOTTOM PLATE WAS 1/2 X 14 X 9 WITH 3-1/2 X 2-3/4 CHAMFER.	4/20/09	WP	DW						
6		-13 WAS 3/8 X 9 X 12 WITH 30° CHAMFERS.	6/28/10	WP	DW						

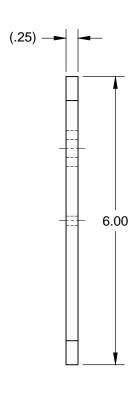


-13 HITCH BOTTOM PLATE

	DAK I AEROSPACE									
TITLE	TAIL	ВППМ	TRAN	NSPOR	:T -	ſR□	LLE	Υ		
DWG NO	RI	3W5305	G0023	2-3G-	13			REV 7		
MAT'L A36				DRAWN BY:	Р	ERR	TT			
U		RWISE SPEC		APPROVED D Weil						
.xxx =		FRACTIONS ±		HEAT TREAT						
.xx	.01	ANGLES:	±.5°	FINISH	SEE	-1 WEL	DMEN	Т		
	L .1 NI ESS OTHE	RWISE SPECI	FIFD	SPEC						
	1. BREAK ALL SHARP EDGES				USED ON MODEL					
2. DI	.015 x 45° OR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGU	ATS				
SCALE	1:4	DATE	3-2	6-09	SHEET	14	of	72		

		REVISIONS								
R	ĒΥ	ECR	DATE	INITIAL	APPROVED					
1	ı		-15 HITCH HITCH SIDE PLATE WAS 1/2 THICKNESS.	4/20/09	WP	DW				
	2		-15 ADDED CHAMFER DIM.	5/13/19	RJC	DW				
	5		<b>-15</b> CH'D QTY FROM 2 TO 1.	4/28/10	WP	DW				
[6	3		-15 WAS 3/8 THICK MATERIAL, NOW 1/4.	6/28/10	WP	DW				





<sup>-15</sup> **RIGHT HITCH** SIDE PLATE

TITLE TAIL BOOM TRANSPORT

DWG NO.

A36
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8 ANGLES ±.5° .XXX ± .005 .XX ± .01 .X ± .1

HEAT TREAT FINISH

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

USED ON MODEL AGUSTA

DRAWN BY:

APPROVED

SCALE 3-26-09 1:2

SHEET 15 of

PERRITT

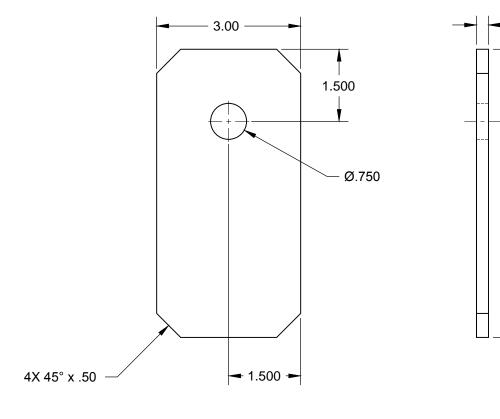
SEE -1 WELDMENT

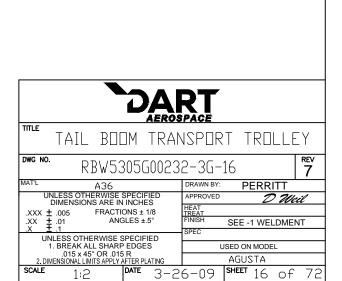
D Weil

REV 7

	REVISIONS										
REV	ECR	DATE	INITIAL	APPROVED							
5		-16 ADDED TONGUE SIDE PLATE TO REDUCE CONFUSION.	4/28/10	WP	DW						
6		-16 WAS 3/8 THICK MATERIAL, NOW 1/4.	6/28/10	WP	DW						

6.00

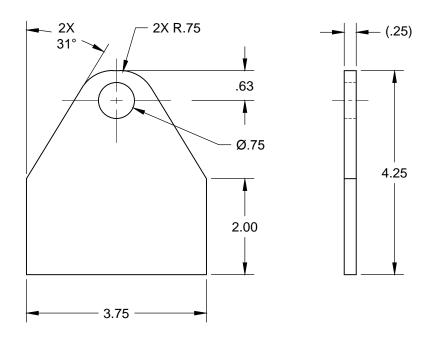




1:2

-16 LEFT HITCH SIDE PLATE

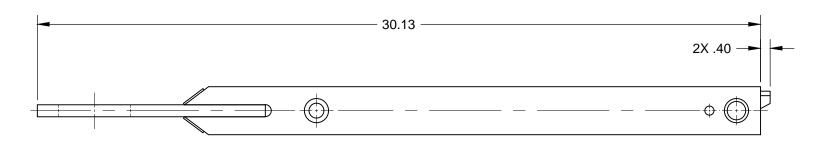
T		REVISIONS										
Γ	REV	ECR	DATE	INITIAL	APPROVED							
Ī	6		-17 CHANGED POSITION FROM TOP OF TUBE TO INSIDE. CHANGED WELDMENT TO VERTICAL PLATE.	6/28/10	WP	DW						

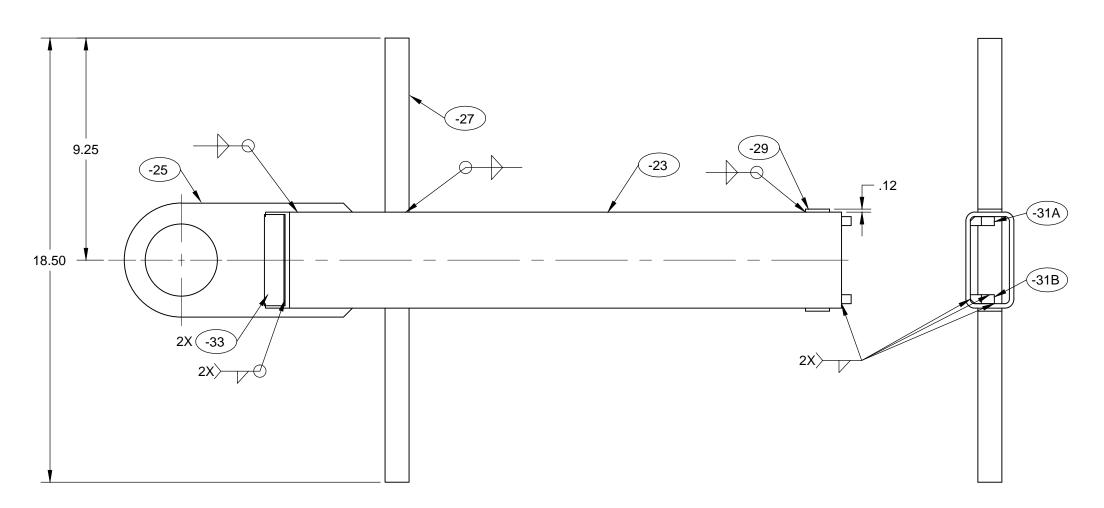


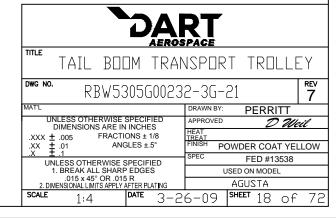


	DART									
TITLE	TAIL	ВППМ	TRAN	NSPOR	ТТ	RD	LLE	Υ		
	DWG NO. RBW5305G0023				17			REV 7		
MAT'L		A36		DRAWN BY:	Р	ERR	ITT			
U	NLESS OTHE DIMENSIONS	RWISE SPEC S ARE IN INCH	IFIED IES	APPROVED		Z	Wei	il		
.xxx ±	<u>+</u> .005	FRACTIONS ±	: 1/8	HEAT TREAT						
	.01	ANGLES:	±.5°	FINISH	SEE -	1 WEI	LDMEN	IT		
.X <u>-</u>		DWISE SDECI	EIED	SPEC						
	UNLESS OTHERWISE SPECIFIED  1. BREAK ALL SHARP EDGES				USED ON MODEL					
.015 x 45° OR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGUSTA						
SCALE	1:2	DATE	3-2	6-09	SHEET	17	of	72		

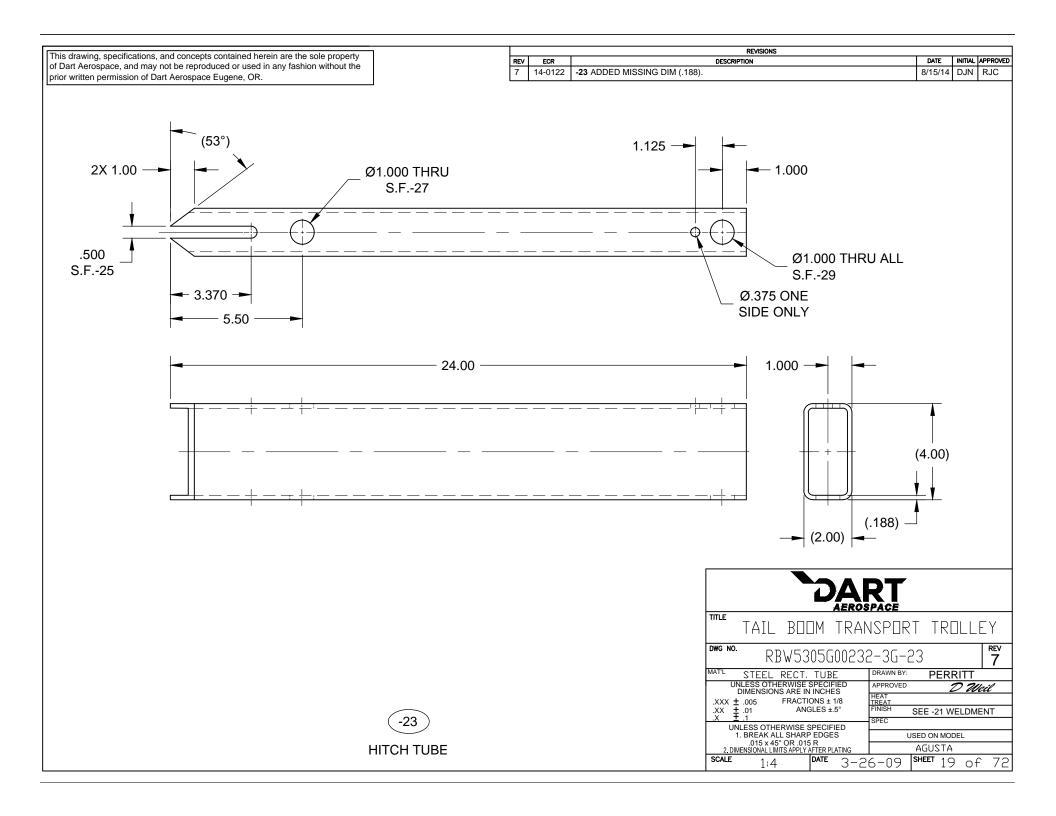
	REVISIONS										
REV	ECR	DATE	INITIAL	APPROVED							
1		DELETED -17 & -35 HITCH SPRING, ASSEMBLY, ASSOCIATED PARTS, AND	4/20/09	WP	DW						
		ASSOCIATED HOLES.									
6		CHANGED -31A & B PROTRUSION FROM .50 TO .40.	6/28/10	WP	DW						
7	14-0122	-21 CH'D FINISH WAS POWDER FORREST T-5920 S9 YELLOW RIBBON IS POWDER	8/15/14	DJN	RJC						
		COAT YELLOW FED #13538.									



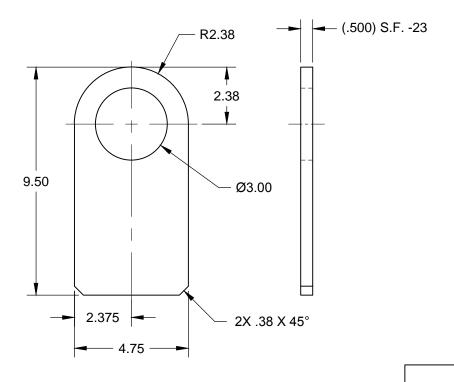




-21 HITCH WELDMENT



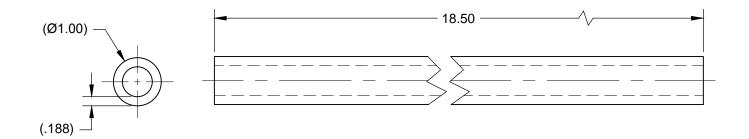
	REVISIONS							
REV	ECR	DATE	INITIAL	APPROVED				

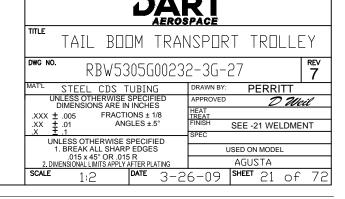


-25 HITCH PLATE

		1	)AI					
TITLE	TAIL	ВППМ	TRAN	1SP0R	T TROL	LLE	Ϋ́	
DWG NO.	RB	W5305	G0023	2-3G-2	25		7	
MAT'L		A36		DRAWN BY:	PERRI	TT		
	NLESS OTHE DIMENSIONS			APPROVED	$\mathcal{D}$	Wei	il	
.xxx ±		FRACTIONS		HEAT TREAT				
.XX ‡	.01	ANGLES	±.5°	FINISH	SEE -21 WEL	DME	٧T	
	LESS OTHE	RWISE SPEC	IFIFD	SPEC				
1. BREAK ALL SHARP EDGES				USED ON MODEL				
.015 x 45° OR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGUSTA				
SCALE	1:4	DATE	3-2	6-09	SHEET 20	of	72	

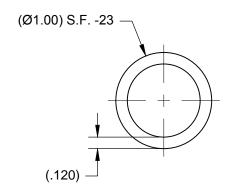
	REVISIONS									
REV	ECR	DATE	INITIAL	APPROVED						
1		-17 CHANGED TO PIPE FROM ROUND BAR.	4/20/09	WP	DW					
7	14-0122	-27 ADDED MISSING DIM (.188).	8/15/14	DJN	RJC					

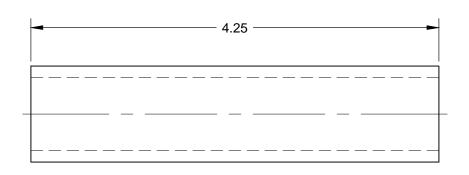


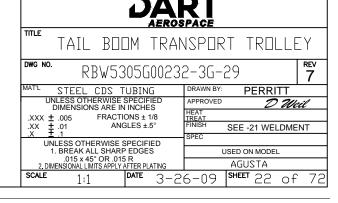


-27 HANDLE

			REVISIONS			
I	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
	7	14-0122	<b>-29</b> DELETED DIM Ø.76 ADDED DIM (.120).	8/15/14	DJN	RJC

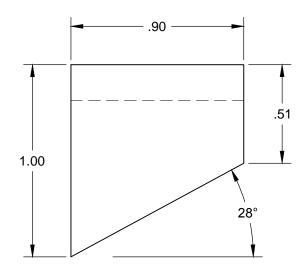


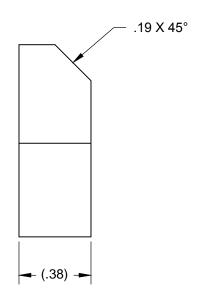




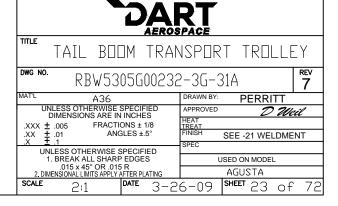
-29 HINGE TUBE

	REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
6		-31 CHANGED PROTRUSION FROM .50 TO .40 CHANGED -31 TO -31A & 31B LEFT AND RIGHT.	6/28/10	WP	DW		

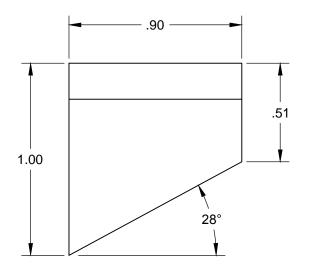


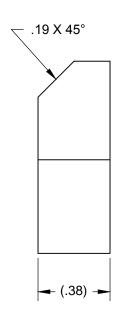






	REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
6		-31 CHANGED PROTRUSION FROM .50 TO .40 CHANGED -31 TO -31A & 31B LEFT	6/28/10	WP	DW		
		AND RIGHT.					

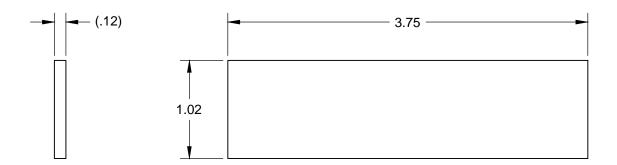






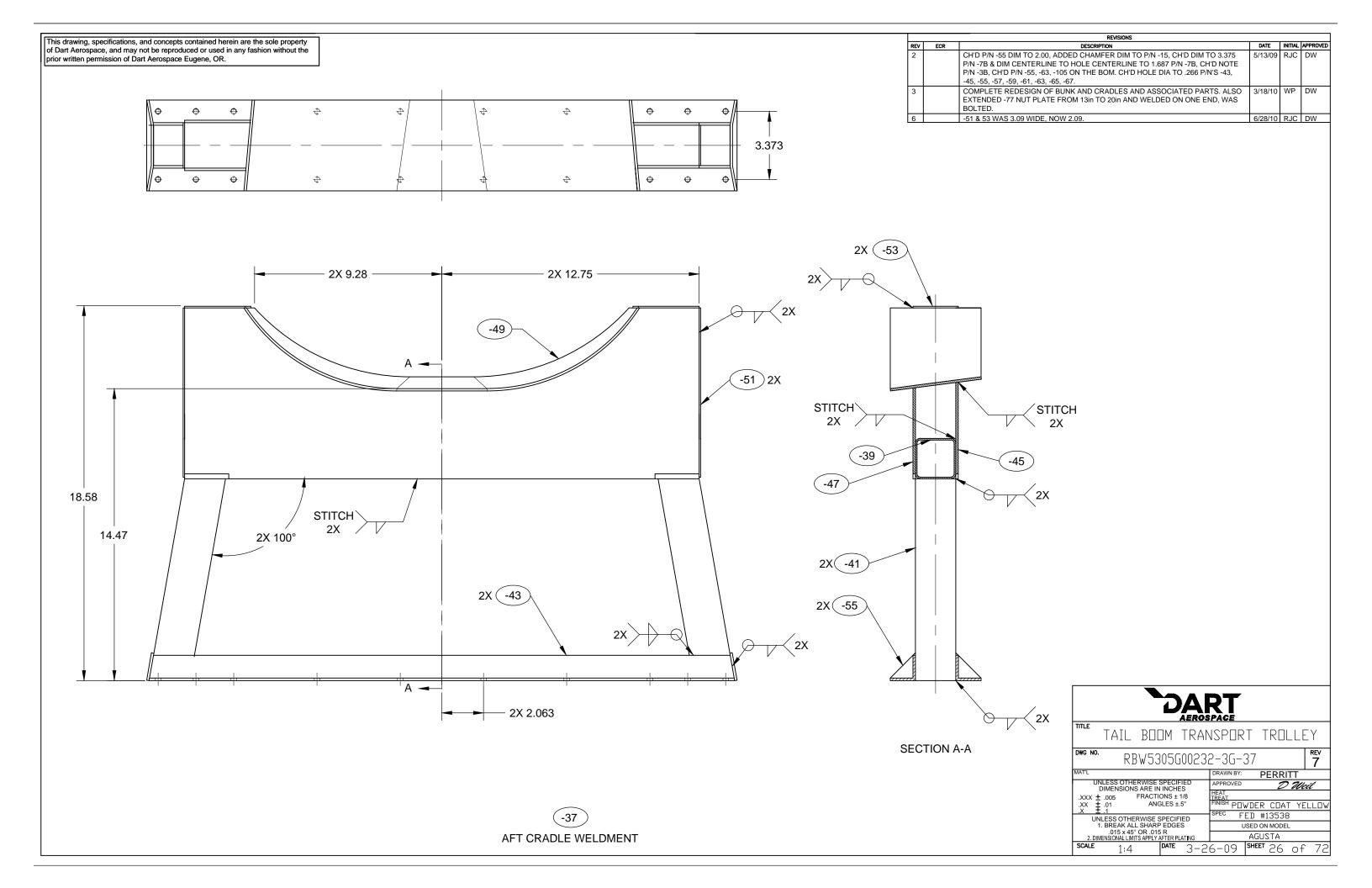
(-31B) LEFT HINGE STOP

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

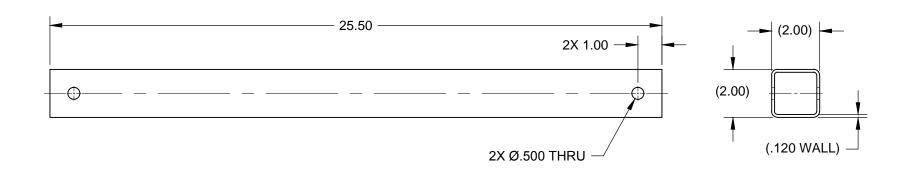


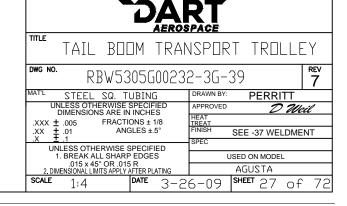
			AEROS					
TITLE	TAIL	ВППМ	TRAN	NSPOR	T T	ROL	LLE	Υ
DWG 1	10. RE	3W53050	30023	2-36-	33			7
MAT'L		A36		DRAWN BY:	PE	RRI	TT	
	UNLESS OTHE	RWISE SPECI S ARE IN INCH		APPROVED		0	Wei	il
.xxx		FRACTIONS ±		HEAT TREAT				
.xx	± .01 ± .1	ANGLES :	±.5°	FINISH	SEE -2	1 WEL	DME	NT
	UNLESS OTHE	RWISE SPECI	FIED	SPEC				
	1. BREAK ALI	SHARP EDG		l	JSED ON	MODE	-	
2.	.015 X 45° DIMENSIONAL LIMI	OR .015 R IS APPLY AFTER F	LATING		AGUS	ΤA		
SCAL	1:1	DATE	3-2	6-09	SHEET	25	of	72

-33 CAP



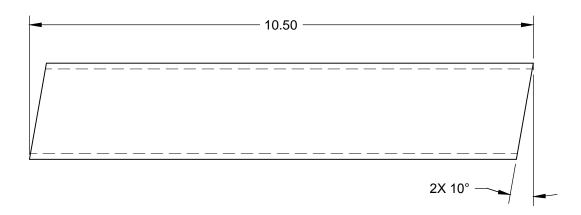
			REVISIONS			
ı	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
	6		<b>-39</b> WAS 3 X 2, NOM 2 X 2.	6/28/10	WP	DW

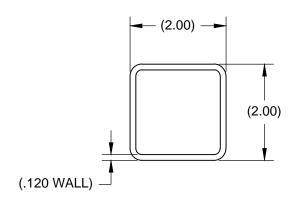


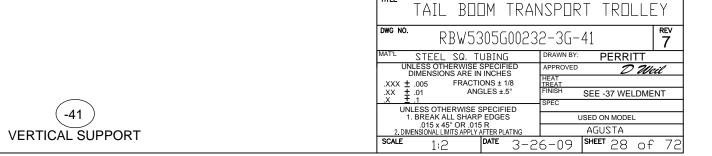




L			REVISIONS			
Γ	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
ſ						

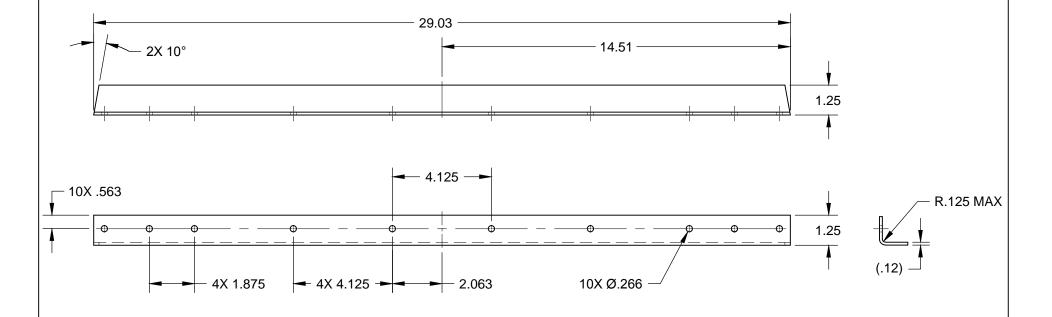


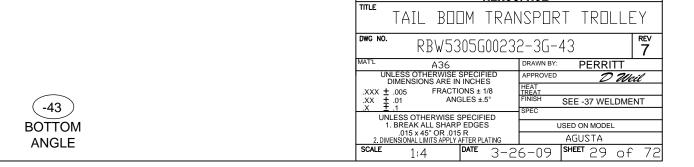




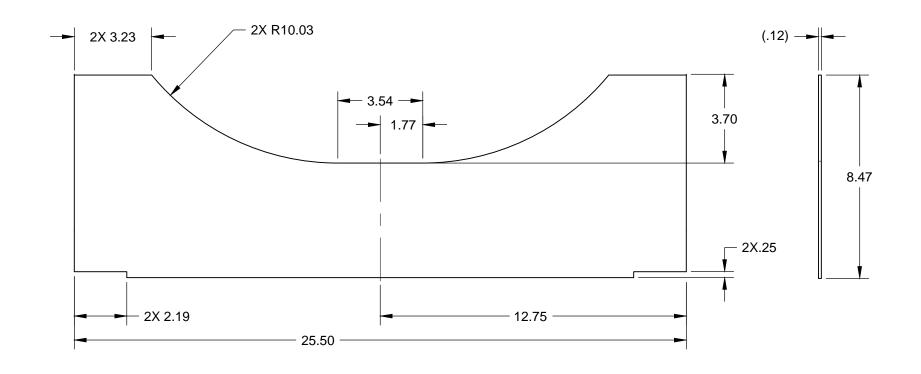
TITLE

	REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
2		-43 CH'D HOLE DIA TO .266.	5/13/09	RJC	DW		
7	14-0122	-43 ADDED MISSING DIM R.125 MAX, CH'D DIM WAS 7X .563 IS 10X .563.	8/15/14	DJN	RJC		





	REVISIONS							
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
6		<b>-45</b> WAS R10.197, NOW R10.03. ADDED 1/4 X 1.19 CUT OUTS TO CLEAR WELDS.	6/28/10	WP	DW			
7	14-0122	-45 CH'D DIM WAS 2X 1.19 IS 2X 2.19.	8/15/14	DJN	RJC			



TAIL BOOM TRANSPORT TROLLEY DWG NO. REV 7 RBW5305G00232-3G-45 DRAWN BY: A36 PERRITT UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES APPROVED D Weil HEAT TREAT FINISH FRACTIONS ± 1/8 ANGLES ±.5° .XXX ± .005 SEE -37 WELDMENT UNLESS OTHERWISE SPECIFIED

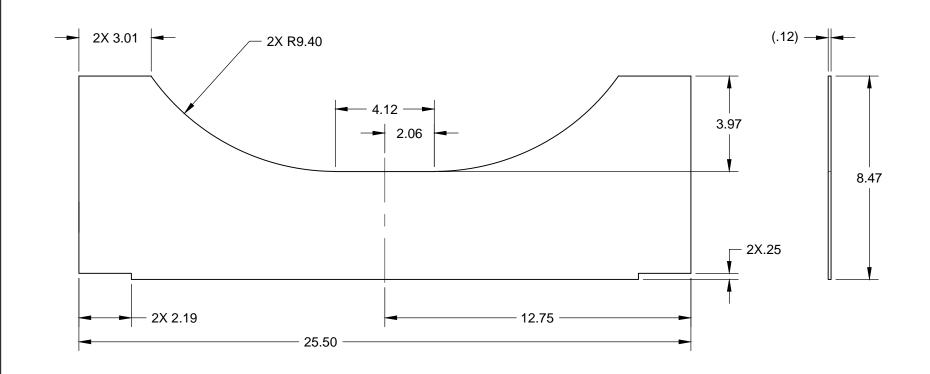
1. BREAK ALL SHARP EDGES

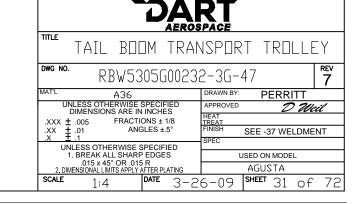
.015 x 45° OR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL AGUSTA **REAR PLATE** SCALE 3-26-09 SHEET 30 of 72 1:4

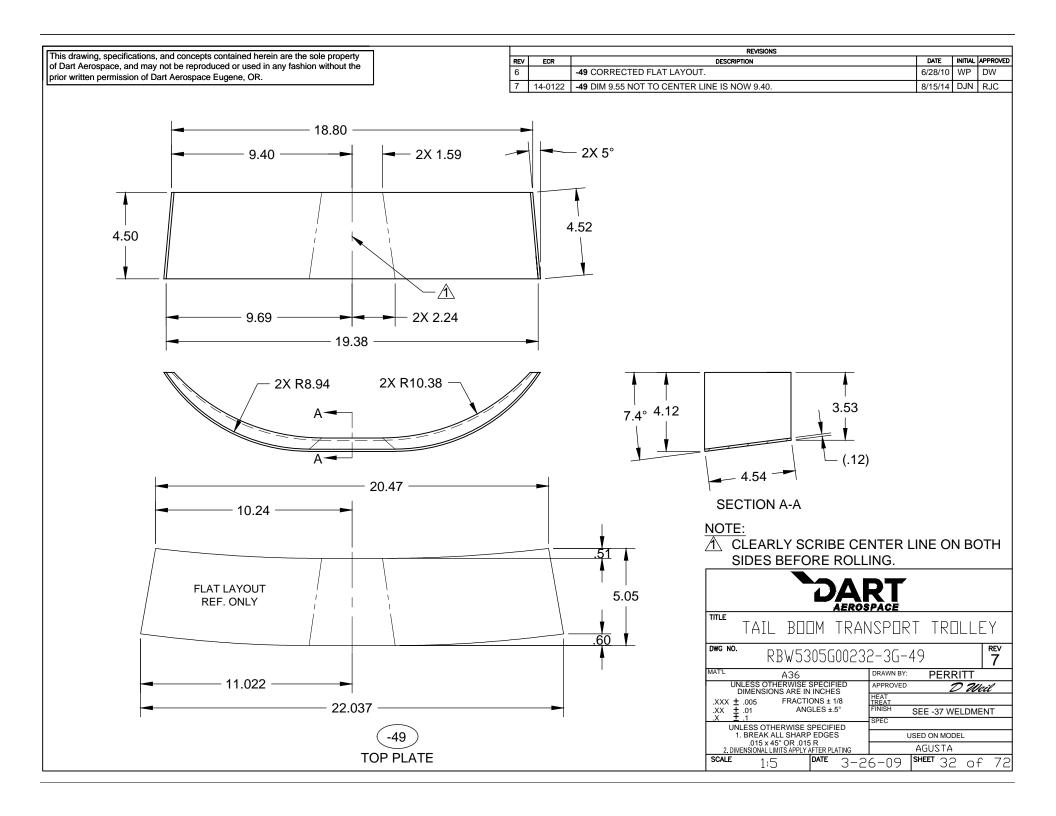
TITLE

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6		-47 WAS R9.190, NOW R9.40 TO ADJUST FOR -39 CHANGES. ADDED 1/4 X 1.19 CUTOUTS TO CLEAR WELDS.	6/28/10	WP	DW
7	14-0122	-47 CH'D DIM WAS 2X 1.19 IS 2X 2.19.	8/15/14	DJN	RJC

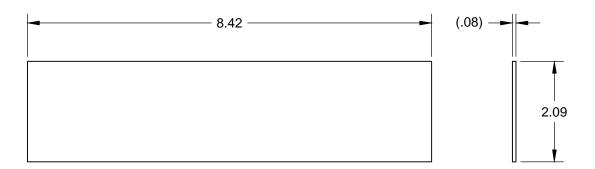








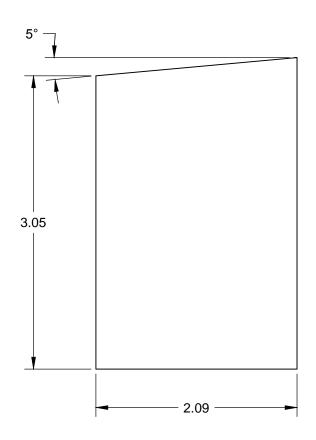
		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6		<b>-51</b> WAS 3.09 WIDE, NOW IS 2.09.	6/28/10	WP	DW

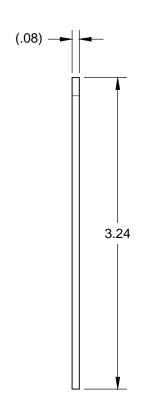






	REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6		-53 WAS 3.09 WIDE, NO IS 2.09.	6/28/10	WP	DW





TITLE

TAIL BOOM TRANSPORT TROLLEY

DWG NO. RBW5305G00232-3G-53

A36
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DRAWN BY: APPROVED HEAT TREAT FINISH FRACTIONS ± 1/8

.XXX ± .005 .XX ± .01 .X ± .1 ANGLES ±.5°

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

USED ON MODEL AGUSTA

SCALE

3-26-09

SHEET 34 of

PERRITT

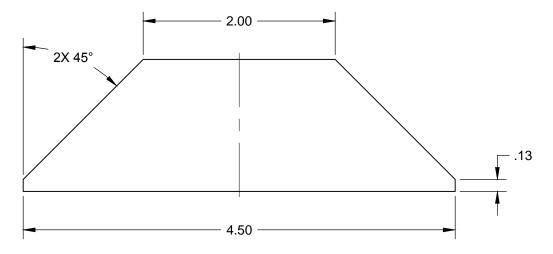
SEE -37 WELDMENT

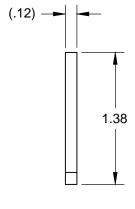
D Weil

REV 7

TOP CAP

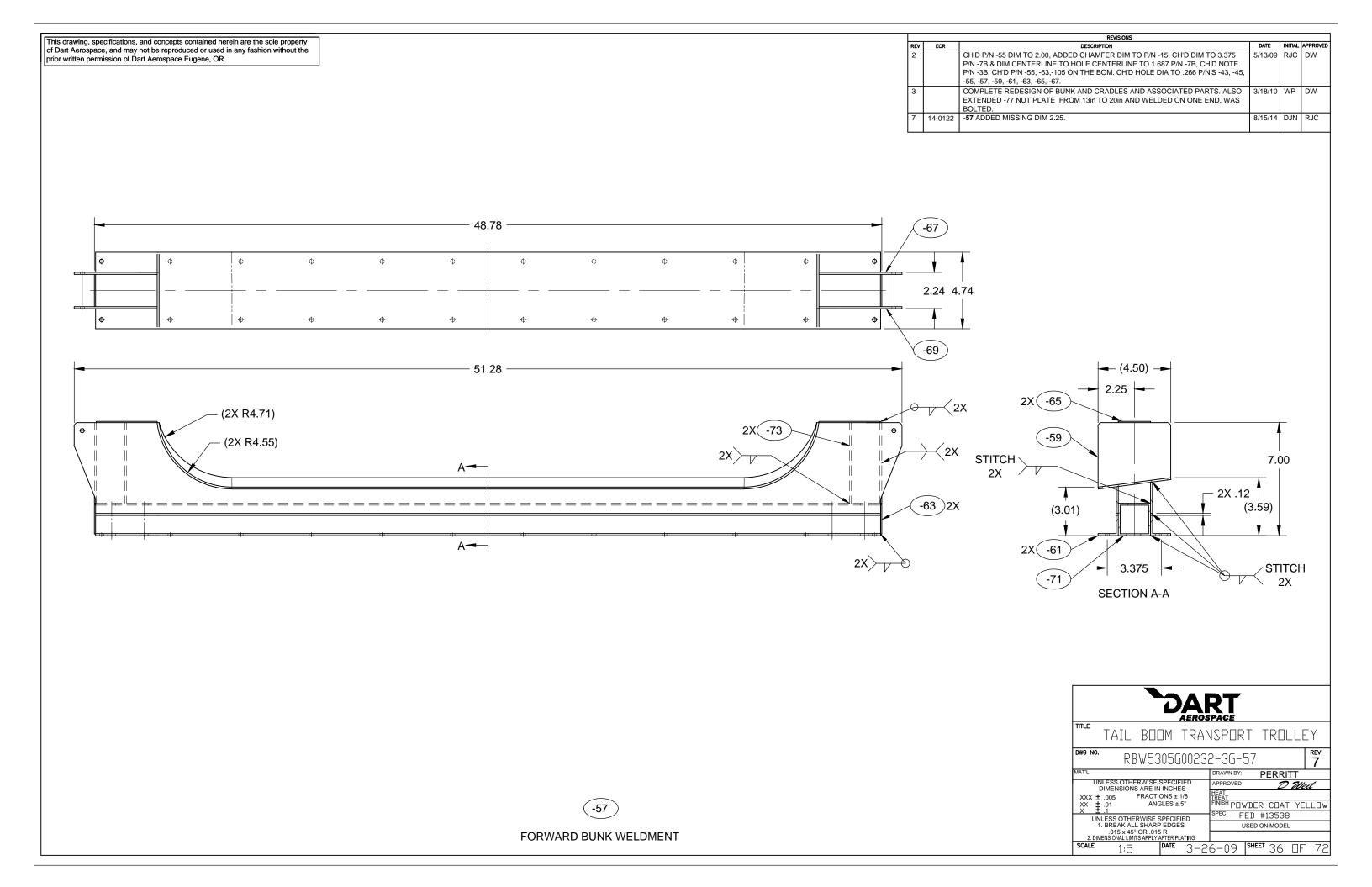
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-55 CH'D DIM TO 2.00.	5/13/09	RJC	DW

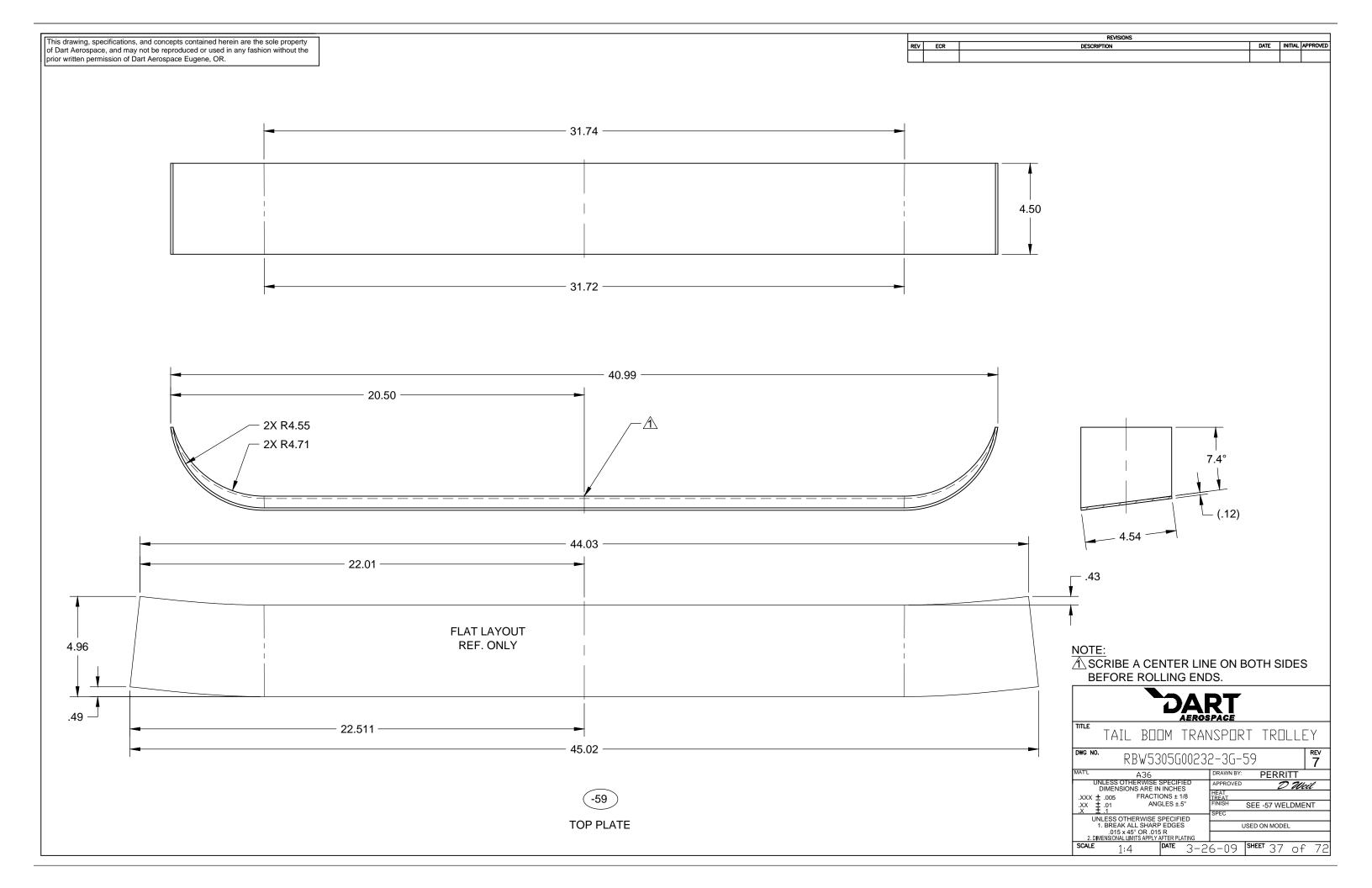




-55 BOTTOM GUSSET TITLE TAIL BOOM TRANSPORT REV 7 DWG NO. RBW5305G00232-3G-55 A36
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DRAWN BY: PERRITT D Weil APPROVED HEAT TREAT FINISH FRACTIONS ± 1/8 .XXX ± .005 .XX ± .01 ANGLES ±.5° SEE -37 WELDMENT UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL AGUSTA SCALE 3-26-09 SHEET 35 of





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 DATE
 INITIAL
 APPROVED

 5/13/09
 RJC
 DW

 8/15/14
 DJN
 RJC

 REV
 ECR
 DES

 2
 -61 CH'D HOLE DIA TO .266.

 7
 14-0122
 -61 ADDED MISSING DIM R.125 MAX.
 DESCRIPTION prior written permission of Dart Aerospace Eugene, OR. 48.63 24.31 1.25 1.25 12X .687 — **→** 2X 4.250 **→** 2.188 – 12X Ø.27 **→** 9X 4.375 → DART TITLE TAIL BOOM TRANSPORT TROLLEY RBW5305G00232-3G-61 MATL A36

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX ± .01 ANGLES ± .5°

X ± .1 PERRITT APPROVED D Weil

**-61** 

**BOTTOM ANGLE** 

SEE -57 WELDMENT

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

0.15 x 45° 08, 015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

CALE

1:4

DATE

3-26-09

SHEET

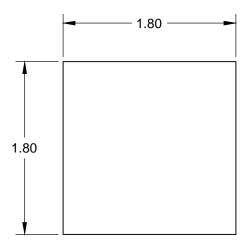
38

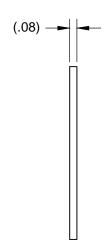
of

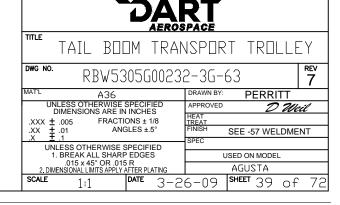
72

SCALE

Т		REVISIONS						
F	₹EV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
Г								

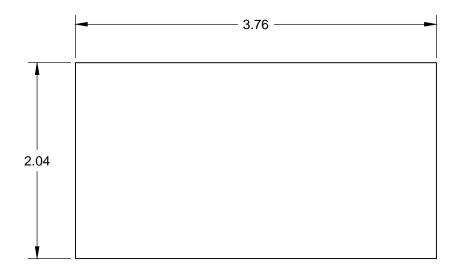


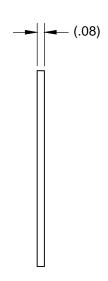




-63 BOTTOM CAP

	REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	





			AERO	SPACE				
TITLE	TAIL	ВППМ	TRA	NSPOR	et T	RD	LLE	Υ
DWG NO	· RE	3W53050	30023	32-3G-	65			REV 7
	MAT'L A36				Р	ERR	TT	
U		RWISE SPECI S ARE IN INCH		APPROVED		z	Wee	il
.xxx =		FRACTIONS ±		HEAT TREAT				
.xx	± .01 F 1	ANGLES ±	:.5°	FINISH	SEE -5	57 WE	LDMEN	ΙT
		RWISE SPECIF	FIED	SPEC				
-		SHARP EDGI	ES	l	JSED ON	MODE	L	
2. DI	.015 x 45° OR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGUS	ATS		
SCALE	1:1	DATE	3-2	26-09	SHEET	40	of	72

-65 TOP CAP

REVISIONS This drawing, specifications, and concepts contained herein are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the DATE INITIAL APPROVED
6/28/10 WP DW REV ECR DESCRIPTION -67 CHANGED END HOLES FROM Ø.266 TO Ø.453. prior written permission of Dart Aerospace Eugene, OR. 51.28 4X R.25 - 25.64 -**-** (.12) **−** 2X .50 - 2X 20.50 2X R4.78  $\oplus$ 2X 1.48 2X .50 — 3.69 2X 15.84 5.63 2X Ø.453 2X .89 - 2X 24.31 -2X 22° -DART TITLE TAIL BOOM TRANSPORT TROLLEY RBW5305G00232-3G-67 A36

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

XX ± .005 FRACTIONS ± 1/8

XX ± .01 ANGLES ±.5° PERRITT APPROVED D Weil .XXX ± .005 .XX ± .01 .X ± .1 SEE -57 WELDMENT (-67) UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

0.15 x 45 ° 0R, 015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

CALE

1:4

DATE

3-26-09

SPEC

USED ON MODEL

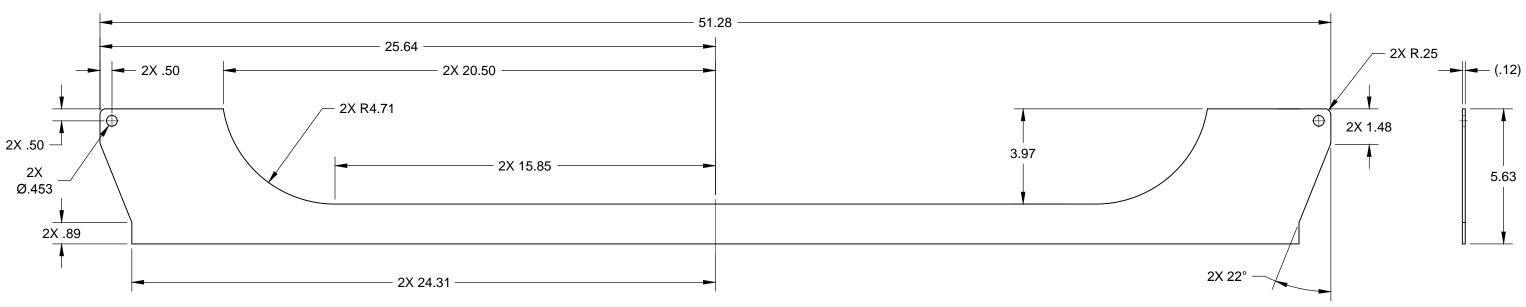
4GUSTA

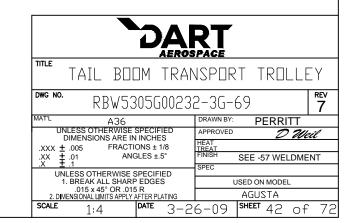
AGUSTA

5 PAEE

41 of 72 REAR PLATE SCALE

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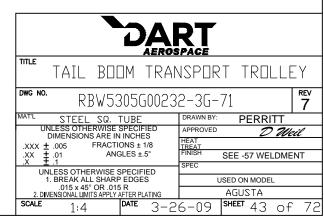


REVISIONS

DESCRIPTION

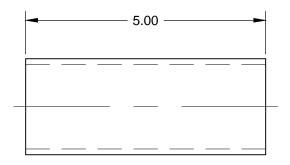
DATE INITIAL APPROVED
6/28/10 WP DW

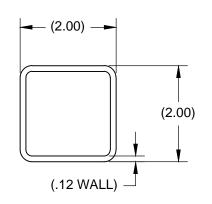
(-69) FRONT PLATE This drawing, specifications, and concepts contained herein are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. REVISIONS DATE INITIAL APPROVED REV ECR 48.63 2X 1.00 -2X 3.00 (2.00) (2.00)(.120 WALL) 4X Ø.5 THRU -



CENTER TUBE

	REVISIONS							
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
					l			

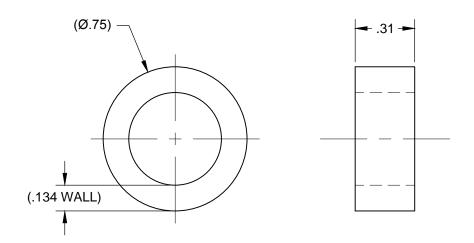


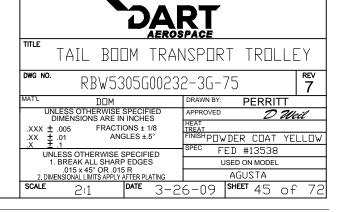


				AEROS					
	TITLE	TAIL	ВППМ	TRAI	NSP0R	T T	ROL	LE	Υ
	DWG NO.	RI	3W5305	G0023	2-3G-	73			REV 7
	MAT'L		SQ. TUBIN		DRAWN BY:	PE	RRI	TT	
ſ					APPROVED		0	Wed	il
l					HEAT TREAT				
l			ANGLES	±.5°	FINISH	SEE -57	WEL	DMEN	lΤ
t			RWISE SPECI	FIED	SPEC				
l	1	.X		L	JSED ON I	MODEI	-		
l	2. DIN	2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGUS	TΑ		
	SCALE	1:2	DATE	3-2	6-09	SHEET	44	of	72

-73 VERT. TUBE

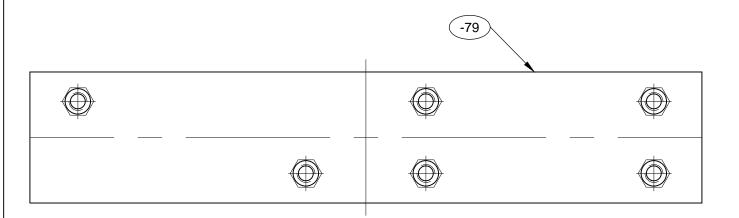
	REVISIONS								
REV	ECR	DATE	INITIAL	APPROVED					
6		-75 CHANGED FROM A WELDMENT TO A SPACER. DELETED -75A & 75B.	6/28/10	WP	DW				
7	14-0122	-75 CH'D FINISH WAS POWDER COAT FOREST T 5920 S9 YELLOW RIBBON IS POWDER COAT YELLOW FED #13538.	8/15/14	DJN	RJC				

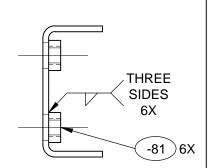




-75 SPACER

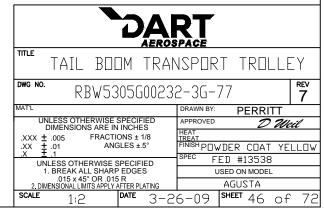
L		REVISIONS							
[	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
	7	14-0122	-77 CH'D FINISH WAS POWDER COAT FOREST T 5920 S9 YELLOW RIBBON IS POWDER COAT YELLOW FED #13538.	8/15/14	DJN	RJC			





## NOTE:

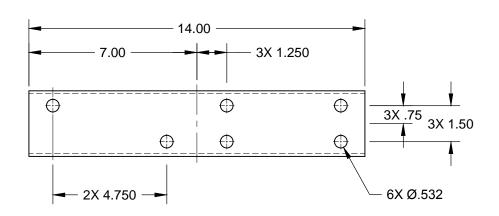
PAIRS MUST FIT INSIDE SQUARE TUBE .12 WALL X 3 X 3 AFTER POWDER COATING.

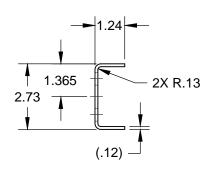


(-77)

**NUT CHANNEL WELDMENT** 

	REVISIONS								
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED				
6		<b>-79 CHANGED</b> NUT CHANNEL LENGTH FROM 20 TO 14. DELETED OUTER FOUR HOLES AND MOVED REMAINING SIX TO ACCOMMODATE NEW CROSS MEMBER POSITIONS.	6/28/10	WP	DW				
7	14-0122	<b>-79</b> CH'D DIMS WAS 4X .75 IS 3X .75, WAS 4X 1.50 IS 3X 1.50.	8/15/14	DJN	RJC				

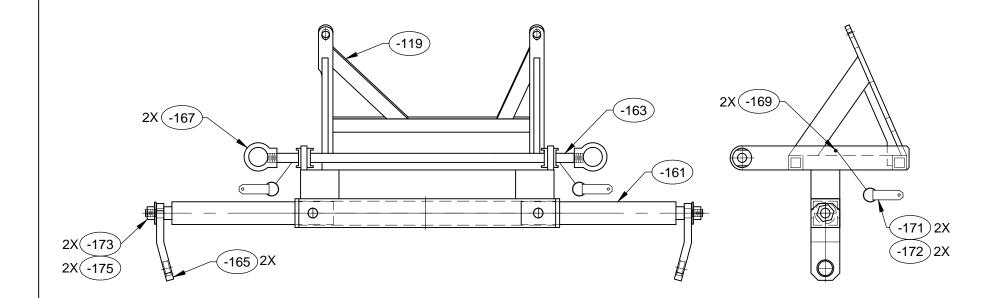




CROSS BRACE, FORMED CHANNEL

			AEROS				
TITLE	TAIL	$B\square\square M$	TRAN	NSP0R	T TRO	LLE	Υ
DWG NO	RE	3W53050	30023i	2-3G-	79		REV 7
MAT'L		A36		DRAWN BY:	PERR	ITT	
.xxx	DIMENSIONS	RWISE SPEC S ARE IN INCH FRACTIONS ±	IES	APPROVED HEAT TREAT	Z	Wed	il
.xx	.01	ANGLES:	±.5°	FINISH	SEE -77 WE	LDMEN	1T
<u> </u>		RWISE SPECI	FIFD	SPEC			
	1. BREAK ALI	SHARP EDG		L	JSED ON MODE	EL.	
2. DII	.015 x 45° OR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGUSTA		
SCALE	1:4	DATE	3-2	6-09	SHEET 47	of	72

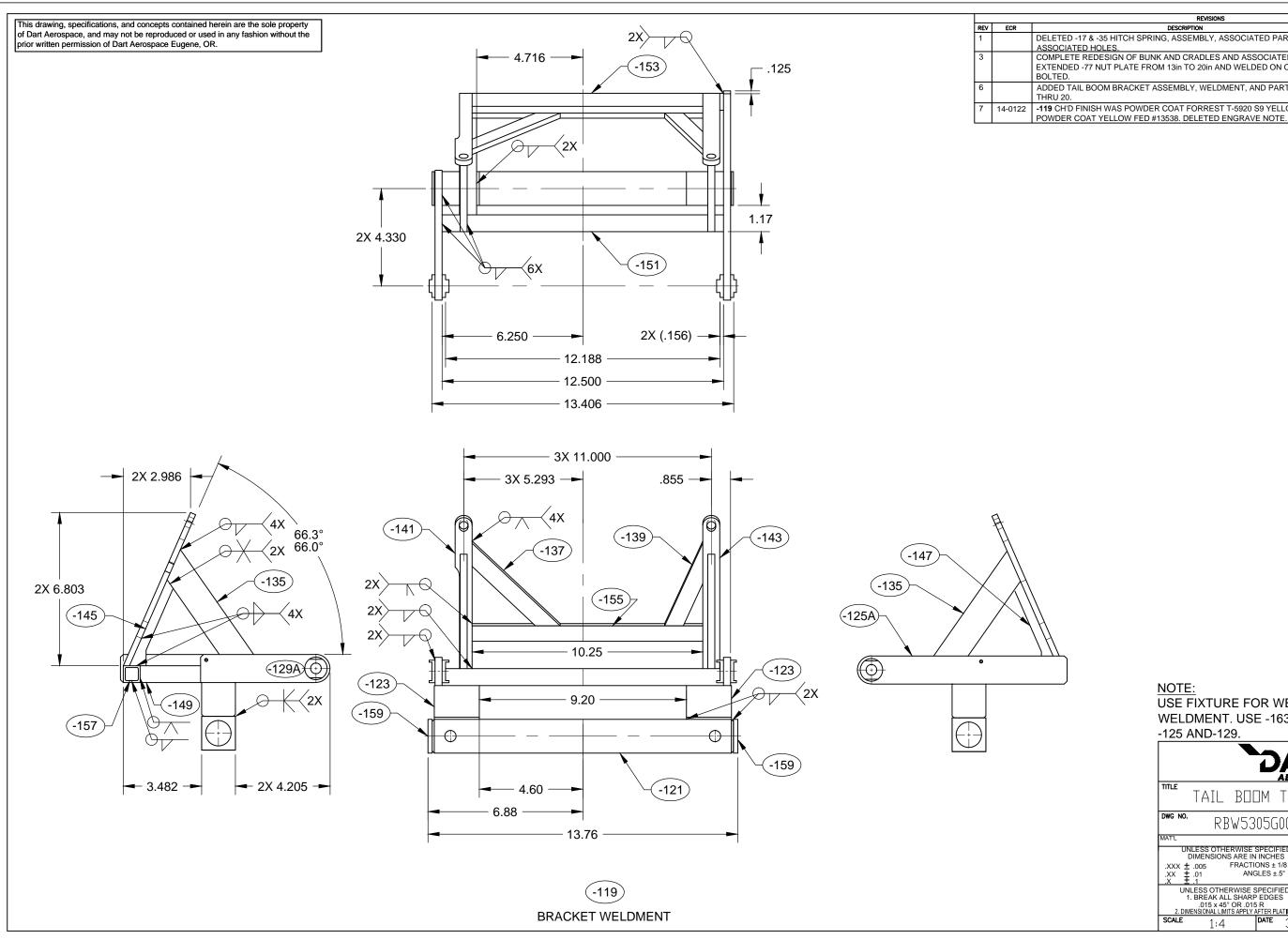
П		REVISIONS						
ı	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
ı								

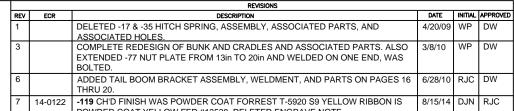


-117

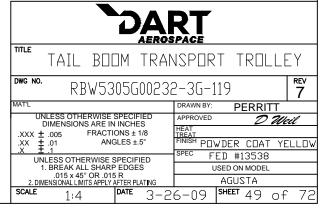
TAIL BOOM BRACKET ASSEMBLY

		2	AEROS	RT				
TITLE	TAIL	$B\square\square M$	TRAN	NSP0R	TI	[RDI	LLE	Υ
DWG NO.	RB	W53050	0023	2-3G-1	17			REV 7
MAT'L				DRAWN BY:	Р	ERRI	TT	
		RWISE SPECI S ARE IN INCH		APPROVED		0	Wed	l
.xxx ±		FRACTIONS ±		HEAT TREAT				
.xx	.01	ANGLES :	±.5°	FINISH		Ţ.		
		RWISE SPECII	FIED	SPEC				
	. BREAK ALI	SHARP EDG		L	JSED OI	N MODE	L	
2. DIN		OR .015 R IS APPLY AFTER F	PLATING		AGU:	ATS		
SCALE	1:5	DATE	3-2	6-N9	SHEET	48	Ωf	72

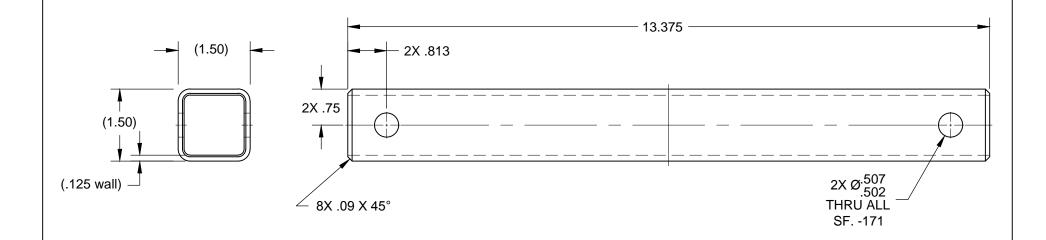


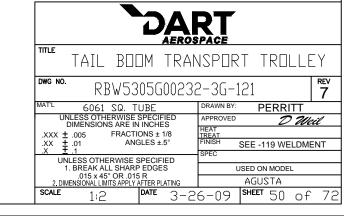


NOTE: USE FIXTURE FOR WELDING BRACKET WELDMENT. USE -163 Ø12mm ROD TO ALIGN -125 AND-129



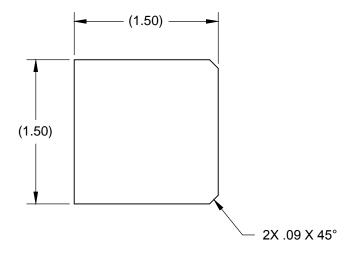
L		REVISIONS							
	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
	7	14-0122	<b>-121</b> CH'D DIMS WAS 2X Ø.500 S.F. IS 2X LIMITS Ø.502 TO .507 THRU ALL. ADDED MISSING DIM. 2X .75.	8/15/14	DJN	RJC			

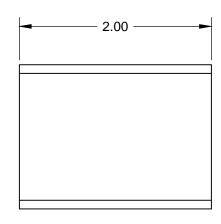




-121 BASE TUBE

Т			REVISIONS			
Γ	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
Γ						

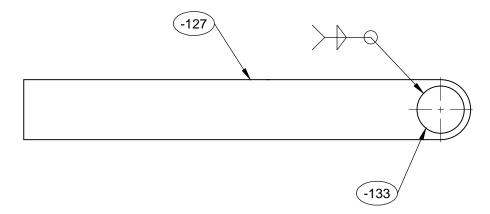


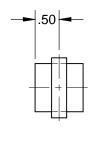


			AEROS					
TITLE	TAIL	$B\square\square M$	TRAN	NSP0R	T	RD	LLE	Υ
DWG N	o. RB	W5305G	00232	2-3G-1	23			7
MAT'L	6061	SQ. BAR		DRAWN BY:	Р	ERR	ITT	
		RWISE SPECI S ARE IN INCH		APPROVED		$\overline{z}$	Wei	il
l .xxx	± .005	FRACTIONS ±		HEAT TREAT				
.xx	± .01	ANGLES ±	.5°	FINISH	SEE -1	19 WE	LDME	NT
.X	<u>± .1</u> INI ESS OTHE	RWISE SPECIE	IFD	SPEC				
`	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES				JSED ON	MODE	:L	
2.0		° OR .015 R TS APPLY AFTER P	LATING		AGUS	ATS		
SCALE	1:1	DATE	3-2	6-09	SHEET	51	of	76

-123 SPACER BLOCK

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
7	14-0122	<b>-125</b> DELETED DIMS .625, 1.00, .31.	8/15/14	DJN	RJC



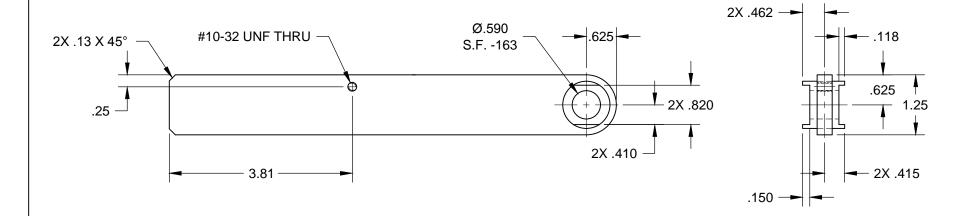


-125

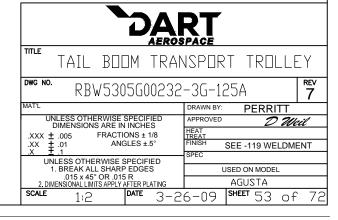
LONG ARM WELDMENT

DA	RT
TAIL BOOM TRAI	NSPORT TROLLEY
PBW5305G0023	2-3G-125 <b>REV 7</b>
MAT'L	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  .XXX ± .005 FRACTIONS ± 1/8  .XX + .01 ANGLES ±.5°  .X ± .1	APPROVED D Weil HEAT TREAT FINISH SEE -119 WELDMENT SPEC
UNLESS OTHERWISE SPECIFIED  1. BREAK ALL SHARP EDGES .015 x 45° OR .015 R  2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AGUSTA
scale 1:2 DATE 3-2	6-09 <b>SHEET</b> 52 of 72

		REVISIONS						
Ī	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
	7	14-0122	-125A ADDED DWG, CH'D DIM WAS Ø.476 S.F163 IS Ø.590 S.F. 163. DELETED ENGRAVE NOTE.	8/15/14	DJN	RJC		

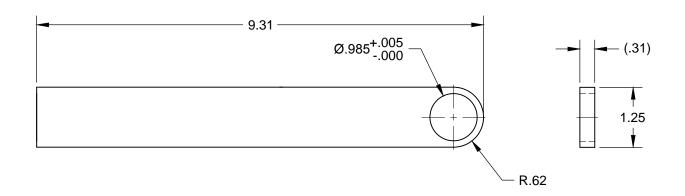


NOTE: MACHINE AFTER WELDING.



-125A MACHINED LONG ARM WELDMENT

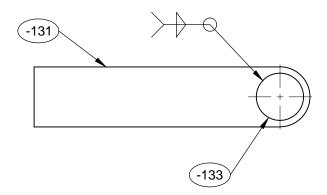
		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
7	14-0122	<b>-127</b> CH'D DIMS WAS Ø.985 S.F133 IS Ø.985 +.005000.	8/15/14	DJN	RJC

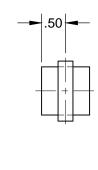




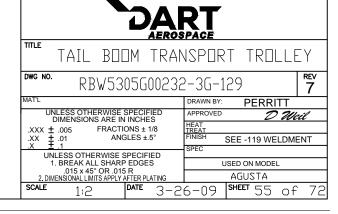
(-127) LONG ARM

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
7	14-0122	<b>-129</b> DELETED DIMS .625, 1.00, .31.	8/15/14	DJN	RJC





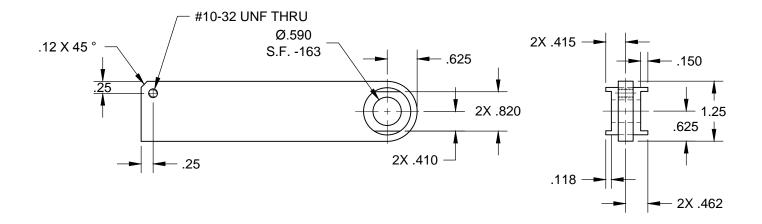
NOTE: MACHINE AFTER WELDING.



-129

SHORT ARM WELDMENT

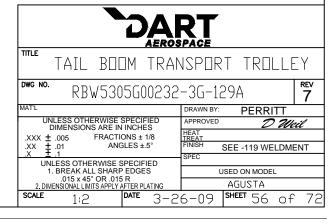
	REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
7	14-0122	<b>-129A</b> ADDED DWG, CH'D DIM WAS Ø.476 S.F163 IS Ø.590 S.F163.	8/15/14	DJN	RJC		



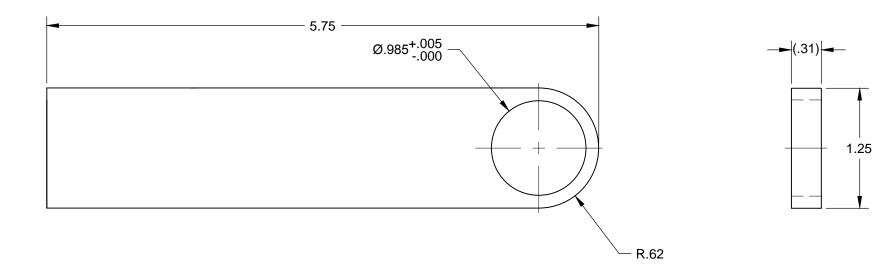
-129A

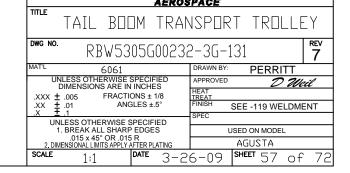
MACHINED SHORT ARM WELDMENT

## NOTE: MACHINE AFTER WELDING.



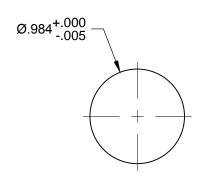
L			REVISIONS			
[	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
Ī	7	14-0122	<b>-131</b> CH'D DIMS WAS Ø.985 S.F133 IS Ø.985 +.005000.	8/15/14	DJN	RJC

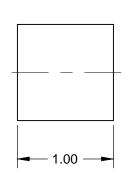




-131 SHORT ARM

	REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
7	14-0122	<b>-133</b> CH'D DIMS WAS Ø.984 S.F. IS Ø.984 +.000005.	8/15/14	DJN	RJC	







TAIL BOOM TRANSPORT TROLLEY

SEE -119 WELDMENT

DWG NO.

REV 7 RBW5305G00232-3G-133 DRAWN BY: 6061 PERRITT UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES D Weil APPROVED HEAT TREAT FINISH

.XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/8 ANGLES ±.5°

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
.015 x 45" OR.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE

1:1

DATE
3-USED ON MODEL AGUSTA

DATE 3-26-09 SHEET 58 of

**GROOVE MOUNT** 

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> (-135) FORWARD BRACE

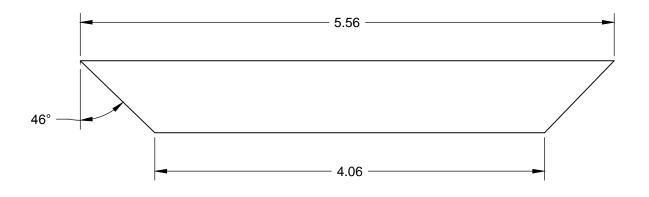
DRAWN BY: 6061 PERRITT UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES D Weil APPROVED HEAT TREAT FINISH FRACTIONS ± 1/8 .XXX ± .005 .XX ± .01 ANGLES ±.5° SEE -119 WELDMENT UNLESS OTHERWISE SPECIFIED

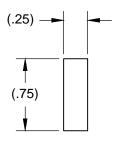
1. BREAK ALL SHARP EDGES

.015 x 45° OR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL AGUSTA SCALE 3-26-09 SHEET 59 of

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED





TITLE TAIL BOOM TRANSPORT TROLLEY

DWG NO. RBW5305G00232-3G-137

REV 7 DRAWN BY: 6061 PERRITT UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES APPROVED D Weil HEAT TREAT FINISH FRACTIONS ± 1/8 .XXX ± .005 ANGLES ±.5° SEE -119 WELDMENT

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
.015 x 45" OR.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE

1:1

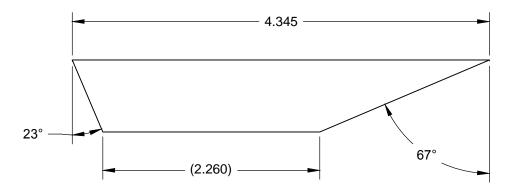
DATE
3-

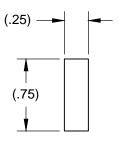
USED ON MODEL AGUSTA

SHEET 60 of 3-26-09

LEFT BRACE

			REVISIONS			
F	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
Г						





-139 RIGHT BRACE

	DA	RT			
TAIL BE	IDM TRAN	NSPORT	TRO	LLE	Υ
	305G0023a	2-3G-13	9		REV 7
MAT'L 6061		DRAWN BY:	PERR	ITT	
UNLESS OTHERWISI DIMENSIONS ARE		APPROVED	z	Wed	il
	TIONS ± 1/8	HEAT TREAT			
	NGLES ±.5°	FINISH SE	E -119 WE	LDME	NT
.X ± .1 UNLESS OTHERWISE	SPECIFIED	SPEC			
1. BREAK ALL SHAF	RP EDGES	USE	D ON MODE	L	
.015 x 45° OR .0 2. DIMENSIONAL LIMITS APPL		4	AGUSTA		
SCALE 1:1	<b>DATE</b> 3-2	6-09 si	HEET 61	of	72

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1. BREAK ALL SHARP EDGES

.015 x 45° OR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL AGUSTA LEFT RISER SCALE 3-26-09 SHEET 62 of 72

REVISIONS This drawing, specifications, and concepts contained herein are the sole property DESCRIPTION REV DATE INITIAL APPROVED ECR of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. - 7.430 -R.20 .387 .375 .750 R.38 .070 24.00° 23.70° (.250)TITLE TAIL BOOM TRANSPORT REV 7 DWG NO. DRAWN BY: 6061 PERRITT UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES D Weil APPROVED HEAT TREAT FINISH FRACTIONS ± 1/8 .XXX ± .005 .XX ± .01 ANGLES ±.5° SEE -119 WELDMENT

**RIGHT RISER** 

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

.015 x 45° OR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

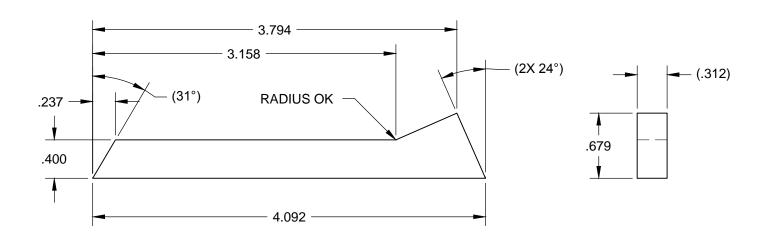
SCALE

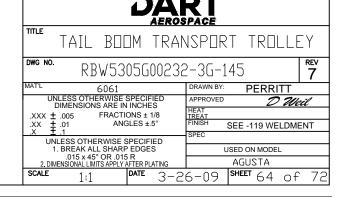
USED ON MODEL AGUSTA

SHEET 63 of 72

3-26-09

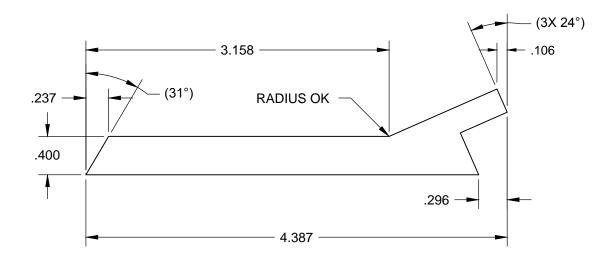
Т			REVISIONS			
F	₹EV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
Г						

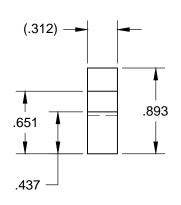




-145 LEFT GUSSET

	REVISIONS					
REV	ECR	DATE	INITIAL	APPROVED		
7	14-0122	<b>-147</b> CH'D DIM WAS 2X 24° IS (3X 24°).	8/15/14	DJN	RJC	







TITLE TAIL BOOM TRANSPORT DWG NO. REV 7 DRAWN BY: 6061 PERRITT UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES D Weil APPROVED HEAT TREAT FINISH FRACTIONS ± 1/8 .XXX ± .005 .XX ± .01 ANGLES ±.5° SEE -119 WELDMENT UNLESS OTHERWISE SPECIFIED

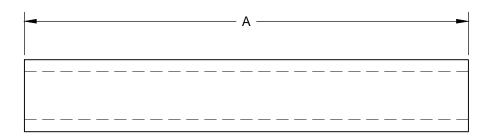
1. BREAK ALL SHARP EDGES
.015 x 45" OR.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

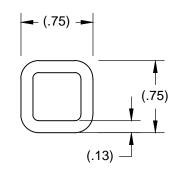
SCALE

1:1

DATE
3-USED ON MODEL AGUSTA 3-26-09 SHEET 65 of

Т			REVISIONS			
ſ	REV	ECR	DATE	INITIAL	APPROVED	
ſ						





P/N	DIM. A
-149	4.64
-151	12.50
-153	11.72

(-149

**LEFT SIDE TUBE** 

(-151)

FRONT CROSS TUBE

-153

**REAR CROSS TUBE** 



TITLE

TAIL BOOM TRANSPORT TROLLEY

DWG NO. RBW5305G00232-3G-149.-151.-153

MATL 6061 SQ. TUBE

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX ± .01 ANGLES ±.5°

X ± .1

DRAWN BY: PERRITT

APPROVED D Wed

HEAT

TIREAT

FINISH SEE -119 WELDMENT

± .1

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

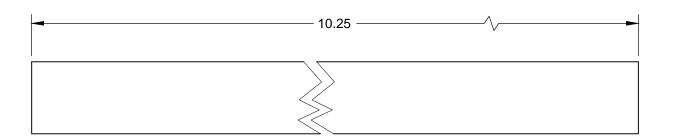
SEE -119 WELDMENT
C
USED ON MODEL

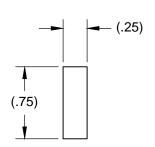
2. DIMENSIONAL LIMITS APPLY AFTER PLATING AGUSTA

SCALE 1:1 AGUSTA

SCALE 1:1 SHEET 66 OF

		REVISIONS			
REV	EV ECR DESCRIPTION DATE IN				APPROVED





TITLE

TAIL BOOM TRANSPORT TROLLEY

DRAWN BY:

APPROVED

DWG NO. RBW5305G00232-3G-155

6061 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8 .XXX ± .005 .XX ± .01 .X ± .1 ANGLES ±.5°

HEAT TREAT FINISH SEE -119 WELDMENT USED ON MODEL

PERRITT

D Weil

REV 7

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
.015 x 45" OR.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE

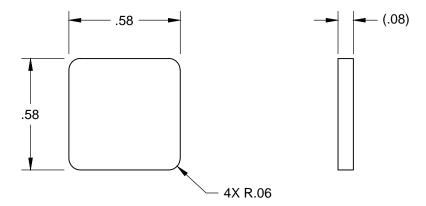
1:1

DATE
3-

AGUSTA 3-26-09 SHEET 67 of

REAR CROSS BAR

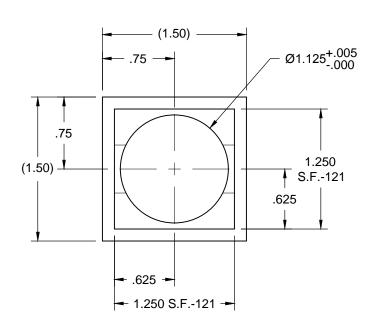
		REVISIONS			
REV	EV ECR DESCRIPTION DATE				APPROVED

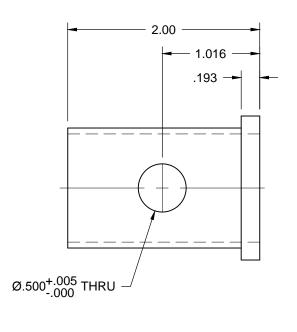


	DA	RT			
TAIL :	BOOM TRA	ANSPORT	TRO	LLE	Υ
	/5305G0023	32-3G-15	i7		7
	061	DRAWN BY:	PERRI	TT	
UNLESS OTHER	WISE SPECIFIED ARE IN INCHES	APPROVED	$\mathcal{Z}$	Wed	l
	RACTIONS ± 1/8	HEAT TREAT			
.XX ± .01	ANGLES ±.5°	FINISH SE	EE -119 WE	LDME	NT
.X ± .1 UNLESS OTHER\	WISE SPECIFIED	SPEC			
1. BREAK ALL S	SHARP EDGES	USI	ED ON MODE	L	
.015 x 45° C 2. DIMENSIONAL LIMITS		+	AGUSTA		
SCALE 2:1	DATE 3-	26-09 s	68 <b>HEET</b>	of	72

(-157) END CAP

		REVISIONS			
REV	EV ECR DESCRIPTION				APPROVED

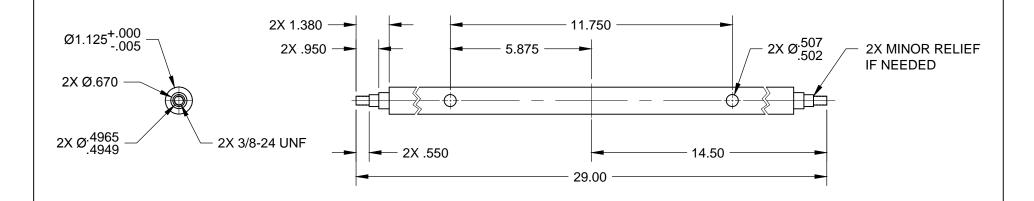


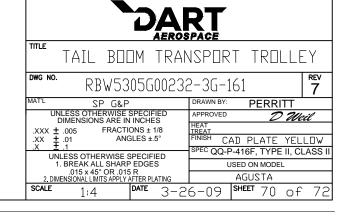


-159 BUSHING

			AEROS					
TITLE	TAIL	ВППМ	TRAN	1SP0R	Τ -	ſR□l	LLE	Υ
DWG NO.	RB	W53050	i00232	2-3G-1	59			REV 7
MAT'L		SQ. BAR		DRAWN BY:	Р	ERRI	TT	
		RWISE SPECI ARE IN INCH		APPROVED		$\mathcal{D}$	Wed	il
.xxx ±		FRACTIONS ±		HEAT TREAT				
.xx	.01	ANGLES :	±.5°		SEE -1	19 WE	LDME	NΤ
	I ESS OTHE	RWISE SPECII	FIED	SPEC				
1. BREAK ALL SHARP EDGES			L	JSED OI	N MODE	L		
2. DIN	.015 x 45° OR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGU	ATS		
SCALE	1:1	DATE	3-2	6-09	SHEET	69	of	72

L		REVISIONS						
[	REV	ECR	DATE	INITIAL	APPROVED			
	7	14-0122	-161 CH'D DIMS WAS 2X Ø.500 IS 2X LIMITS .4949 TO .4965, WAS 2X Ø.500 +.500000 IS 2X LIMITS Ø.502 TO .507.	8/15/14	DJN	RJC		

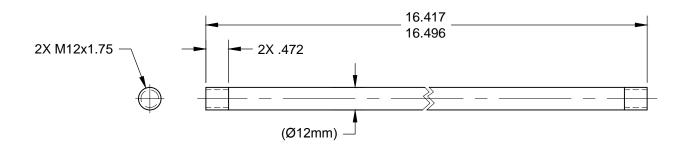


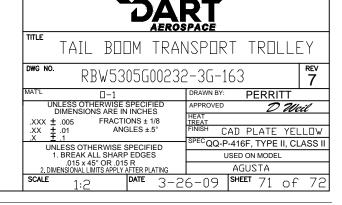


-161

MAIN SHAFT

Т			REVISIONS			
Γ	REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
Γ						





-163 EYE BOLT ROD

REVISIONS This drawing, specifications, and concepts contained herein are the sole property REV ECR DATE INITIAL APPROVED DESCRIPTION of Dart Aerospace, and may not be reproduced or used in any fashion without the 14-0122 -165 CH'D DIM WAS Ø.500 S.F. -161 IS LIMITS Ø.5000 TO .5028, ADDED DIMS 2.00, 8/15/14 DJN RJC prior written permission of Dart Aerospace Eugene, OR. 4.03, R.25 MAX. FLAT LAYOUT REFERENCE ONLY — 4.00 -2.00 — .625 .500 Ø.750 .06 X 45° **BOTH SIDES** 1.50  $\emptyset .5028 \atop .5000$ 4X .38 X 45° **BEND LINE** 4.03 2.00 -R.250 MAX -15° (.375)TITLE TAIL BOOM TRANSPORT DWG NO. RBW5305G00232-3G-165 A36 PERRITT

(-165)
TIE DOWN ADAPTER PLATE

.A 1.1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE

SPEC QQ-P-416F, TYPE II, CLASS II
USED ON MODEL
AGUSTA
3-26-09 SHEET 72 of 72